

Neighborhood Energy Connection Residential Energy Specification			Auditor: Michael Childs Phone: 651-221-4462 x145
Spec ID#	Spec Title	Specification	Location / Notes
304	Replace Water Heater with Power Vented .67 EF	Replace water heater with a power-vented water heater with an EF of .67. Include pressure & temperature release valve, discharge tube to within 6" of floor and PVC flue to power vent to exterior.	
310	Install Central Air Conditioning Unit	Install 16 SEER split system central air conditioning unit, following local building code. Using OEM performance information and industry-approved procedures, confirm that the selected equipment satisfies/meets the load requirements at the system design conditions.	
500	Seal Attic Bypasses	Contractor shall seal all attic bypasses. Bypasses shall be defined as any break in the envelope of a house between a heated living space and an unheated area or exterior. Bypass locations include, but are not limited to, the following areas: chimneys, soil stacks, end walls, dropped ceilings, open plumbing walls, beneath knee walls and around duct work, electrical work and attic access points. Bypasses shall be sealed in such a manner that the movement of air through the bypass is essentially stopped. "Essentially stopped" means that air leakage will not be detected by an infrared scan when the house is pressurized to 30 Pascals. Materials to be used for sealing bypasses depend on the size and location of the bypass and meet code requirements. These materials include high quality caulks (20-year life span), polyethylene rod stock, foam, sheetrock, sheet metal, extruded polystyrene and densely packed insulation.	Remove abandoned chimney for air leakage reduction. Attic is insulated to R50, but may need some other bypass sealing. Check dense pack of floor cavity and assess need for addition attic air sealing with blower door and infrared. Fluff any existing insulation after air sealing and add additional 3" of insulation to fill in gaps.

804	Air Seal and Insulate Rim Joist using rigid foam	Seal cracks and holes in rim joist before insulating. Caulk or foam 3 inches of rigid insulation in place.	Option 1.	
806	Air Seal and Insulate Rim Joist using two-part foam	Apply two-part foam evenly and consistently according to manufacturer's instructions to insulate to R-10 around basement rim joist.	Option 2.	
1000	Install ENERGY STAR Rated Kitchen Fan	Install an ENERGY STAR rated exhaust fan connected with insulated rigid ductwork into a dampered vent.		
1010	Install ENERGY STAR Rated 2-stage Bathroom Fan	Install an ENERGY STAR rated two-speed bathroom fan .8 sones or less, with a pre-set low-speed of 10-30 CFM and a high-speed boost capability of 70-110 CFM initiated by a wall switch or motion detector. Vent bathroom fan using rigid duct and insulated with fiberglass and vented out with dampered roof vent.		
1200	Replace incandescents with CFLs	Replace incandescent bulbs with ENERGY STAR rated compact fluorescent lights. Install fixtures that meet the lighting needs of the particular area.		
1210	Install ENERGY STAR Rated Washing Machine	Connect new ENERGY STAR rated clothes washer sized appropriately for the household. Use braided steel water supply lines and a smooth rubber drain line connected to a 2 inch drain with trap. Remove existing washer, recycle all metal components and dispose of all other materials in a code legal dump.		

1212	Install ENERGY STAR Rated Dishwasher	Install ENERGY STAR rated dishwasher including all alterations and connections to plumbing and electric system. Remove existing dishwasher, recycle all metal components and dispose of all other materials in a code legal dump.	
1214	Install ENERGY STAR Rated Refrigerator	Install ENERGY STAR rated refrigerator sized appropriately for the household. Remove existing refrigerator, recycle all metal components and dispose of all other materials in a code legal dump.	

Home Energy Rating Certificate

1031 Fuller Ave
Saint Paul, MN 55104



3 Stars Plus
As Is

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

HERS Index: 104

General Information

Conditioned Area: 1632 sq. ft.
Conditioned Volume: 13056 cubic ft.
Bedrooms: 2

Energy Efficient

House Type: Single-family detached
Foundation: Conditioned basement

Mechanical Systems Features

Heating: Fuel-fired air distribution, Natural gas, 96.7 AFUE.
Water Heating: Conventional, Natural gas, 0.59 EF, 40.0 Gal.

Duct Leakage to Outside: RESNET/HERS default
Ventilation System: None
Programmable Thermostat: Heating: No Cooling: No

Building Shell Features

Ceiling Flat: R-50 Exposed Floor: NA
Vaulted Ceiling: NA Window Type: S W Op (w/St)
Above Grade Walls: R-13
Foundation Walls: R-1.1
Slab: R-0.0 Edge, R-0.0 Under
Infiltration: Rate: Htg: 2120 Cfg: 2120 CFM50
Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 0.00 Range/Oven Fuel: Natural gas
Percent Garage Lighting: 0.00 Clothes Dryer Fuel: Natural gas
Refrigerator (kWh/yr): 691.00 Clothes Dryer EF: 2.67
Dishwasher Energy Factor: 0.46 Ceiling Fan (cfm/Watt): 0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v12.99

This information does not constitute any warranty of energy cost or savings.
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Registry ID:

Rating Number: 526-1271
Certified Energy Rater: Michael Childs
Rating Date: 5/11/2012
Rating Ordered For: City of Saint Paul

Estimated Annual Energy Cost

Use	As Is	MMBtu	Cost	Percent
Heating		106.0	\$979	53%
Cooling		0	\$0	0%
Hot Water		18.6	\$168	9%
Lights/Appliances		23.0	\$511	28%
Photovoltaics		-0.0	\$-0	-0%
Service Charges			\$180	10%
Total			\$1837	100%

This home meets or exceeds the minimum criteria for all of the following:

TITLE

Company
Address
City, State, Zip
Phone #
Fax #

Home Energy Rating Certificate

1031 Fuller Ave
Saint Paul, MN 55104



4 Stars Plus Projected Rating

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

HERS Index: **90**

General Information

Conditioned Area:	1632 sq. ft.	House Type:	Single-family detached
Conditioned Volume:	13056 cubic ft.	Foundation:	Conditioned basement
Bedrooms:	2		

Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 96.7 AFUE.
Water Heating:	Conventional, Natural gas, 0.67 EF, 40.0 Gal.

Duct Leakage to Outside:	RESNET/HERS default
Ventilation System:	Exhaust Only: 80 cfm, 15.0 watts.
Programmable Thermostat:	Heating: No Cooling: No

Building Shell Features

Ceiling Flat:	R-50	Exposed Floor:	NA
Vaulted Ceiling:	NA	Window Type:	NFRC .34 / .33
Above Grade Walls:	R-13	Infiltration:	
Foundation Walls:	R-1.1	Rate:	Htg: 1820 Cfg: 1820 CFM50
Slab:	R-0.0 Edge, R-0.0 Under	Method:	Blower door test

Lights and Appliance Features

Percent Interior Lighting:	90.00	Range/Oven Fuel:	Natural gas
Percent Garage Lighting:	0.00	Clothes Dryer Fuel:	Natural gas
Refrigerator (kWh/yr):	691.00	Clothes Dryer EF:	2.67
Dishwasher Energy Factor:	0.46	Ceiling Fan (cfm/Watt):	0.00

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Registry ID:

Rating Number: 526-1271

Certified Energy Rater: Michael Childs

Rating Date: 5/11/2012

Rating Ordered For: City of Saint Paul

Estimated Annual Energy Cost

Projected Rating			
Use	MMBtu	Cost	Percent
Heating	96.9	\$895	54%
Cooling	0	\$0	0%
Hot Water	16.4	\$148	9%
Lights/Appliances	20.0	\$431	26%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$180	11%
Total		\$1653	100%

This home meets or exceeds the minimum criteria for all of the following:

TITLE

Company

Address

City, State, Zip

Phone

Fax



CITY OF SAINT PAUL
Christopher B. Coleman, Mayor

375 Jackson Street, Suite 220
Saint Paul, Minnesota 55101-1806

Telephone: 651-266-8989
Facsimile: 651-266-9124
Web: www.stpaul.gov/dsi

Code Compliance Report

May 14, 2012

Housing and Redevelopment
25 W 4th St Ste 1300
St Paul MN 55102

**** This Report must be Posted
on the Job Site ****

Re: 1031 Fuller Ave
File#: 10 912187 VB2

**** This is a Building Only Code Compliance Report ****

BUILDING **Inspector: Jim Seeger** **Phone: 651-266-9046**

- Dry out basement and eliminate source of moisture.
- Remove mold, mildew and moldy or water damaged materials.
- Install handrails (34 inches - 38 inches above each nosing) and guardrails (36 inch minimum) at all stairways, and return hand rail ends into a newel post or wall per attachment.
- Repair or Replace any deteriorated window sash, broken glass, sash holders, re-putty, etc as necessary.
- Provide complete storms and screens, in good repair for all door and window openings.
- Provide functional hardware at all doors and windows
- Exit doors shall be capable of being opened from the inside, easily and without the use of a key. Remove all surface bolts.
- Repair or replace damaged doors and frames as necessary, including storm doors.
- Weather seal exterior doors, threshold and weather-stripping.
- Repair walls, ceiling and floors throughout, as necessary.
- Prepare and paint interior and exterior as necessary. Observe necessary abatement procedures (EPA, MPCA and St. Paul Legislative Code, Chapter 34 for additional information) if lead base paint is present.
- Where wall and ceiling covering is removed install full thickness or code-specified insulation.
- Air-seal and insulate attic/access door.
- Install Smoke Detectors/Carbon Monoxide Detectors per MN Conservation Code and the MN Dept. of Labor and Industry: Install per code where feasible.
- Provide major clean-up of premises.
- Repair siding, soffit, fascia, trim, etc. as necessary.
- Provide proper drainage around house to direct water away from foundation of house.
- Provide proper drainage around house to direct water away from foundation of garage.
- Install rain leaders to direct drainage away from foundation.

Re: 1031 Fuller Ave
May 14, 2012
Page 2

BUILDING **Inspector: Jim Seeger** **Phone: 651-266-9046**

- Replace house and garage roof covering and vents to code.
- Install flashing in an approved manner at the intersection of the roof with walls, chimneys, and other conjoined surfaces.
- Provide general rehabilitation of garage.
- Install address numbers visible from street and on the alley side of garage.
- Provide durable, dustless parking surface as specified in the zoning code.
- Provide ground cover capable of controlling sediment and erosion.
- Review all applicable codes & policies when replacing windows including egress windows for sleeping rooms.
- Openings in stair risers must be less than 4 inches.
- Grade must drain away from foundation of dwelling. Maintain 6 inch clearance between wood and soil.
- Replace front sidewalk and steps to code.
- Replace gutters and downspouts.
- Properly repair or replace front fence and rear east side fence.
- Remove storage shed and wood platform
- Replace decayed bottom rows of siding on garage and trim as needed.
- Replace bottom panel of garage door.
- Replace kitchen counter tops.
- Install tempered glass in bathroom window.
- Replace east side sidewalk, slopes to house.
- A building permit is required to correct the above deficiencies.

ZONING

1. This property is in a(n) R4 zoning district.
2. This property was inspected as a Single Family Dwelling.

Notes:

- See attachment for permit requirements and appeals procedure.

This is a registered vacant building. In order to sell or reoccupy this building, all deficiencies listed on this code compliance report must be corrected in accordance with the Minimum Housing Standards of the St. Paul Legislative Code (Chapter 34) and all required permits must receive final approval within six (6) months of the date of this report. One (1) six-month time extension may be requested by the owner and will be considered if it can be shown that the code compliance work is proceeding and is more than fifty (50) percent complete in accordance with Legislative Code Section 33.03(f).

Re: 1031 Fuller Ave
May 14, 2012
Page 3

You may file an appeal to this notice by contacting the City Clerk's Office at 651-266-8688. Any appeal must be made in writing within 10 days of this notice. (You must submit a copy of this notice when you appeal, and pay a filing fee.)

If you have any questions regarding this inspection report, please contact Jim Seeger between 7:30 - 9:00 AM at 651-266-9046 or leave a voice mail message.

Sincerely,

James L. Seeger
Code Compliance Officer
Department of Safety and Inspections
City of Saint Paul
375 Jackson Street, Suite 220
Saint Paul MN 55101
Phone: 651-266-9046
Email: james.seeger@ci.stpaul.mn.us

JLS:ml
Attachments

Neighborhood Energy Connection

Residential Energy Specification

Customer: City of Saint Paul

Auditor: Michael Childs

Address: 1031 Fuller Avenue

Phone: 651-221-4462 x145

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Radon Test Result: 2.0 ±0.3 pCi/L

Test Started 09/04/12 at 11:00 am

Test Ended 09/07/12 at 4:00 pm

Closed house conditions maintained during test.

Location Basement

|||||
TCHU YAJH
1031 FULLER AVE
SAINT PAUL, MN 55104-4716

INTERPRETING YOUR TEST RESULT

This radon test was provided to you by MN DEPT OF HEALTH/INDOOR AIR UNIT / 651-201-4601. The US EPA action level for indoor radon is 4.0 pCi/L. The EPA recommendation for results in this range (2.0 to 3.9 pCi/L) is to conduct further tests to determine the true annual average, ideally with a long-term test kit. If the result remains between 2 and 4 there is little short-term risk, but you should consider fixing your home. Additionally, if you make any structural changes or start to use a lower level of the building more frequently, you should test again.

You may be able to obtain additional information about radon related subjects by calling your **state radon officer at 800-798-9050**. Or call the "Radon Fix-It Line" at 800-644-6999 Monday thru Friday between NOON and 8 pm EST

This test result reflects the amount of radon measured in this sample AFTER it arrived at our laboratory. All analysis computations are automatically adjusted to reflect the length of test, the amount of moisture in the sample, time from the end of test, and the amount of radiation measured. If ALL the test instructions were carefully followed, then it is reasonable to assume this is an accurate assessment of the average level of the radon this sample was exposed to during the time indicated on the test packet.

READ THIS FIRST

This result has been rounded to one-tenth (0.1) of a pCi/L (picoCurie per liter), the most common method of reporting radon in air.

NEXT...PLEASE...READ

everything under the heading

INTERPRETING YOUR TEST RESULT

Your health risk

The primary health risk from long-term exposure to radon is lung cancer. The risk of developing a lung cancer from radon exposure depends both on how much radon is present and how long you are exposed to radon. The higher the radon level or the longer the time of exposure, even if the levels are relatively low, the greater the risk. Exposures up to 4 pCi/L may present some risk of contracting lung cancer to more sensitive occupants, especially children. Recently the US Congress set as a goal the lowering of radon levels in buildings to equal the levels of outside air.

What is a picoCurie

For those interested in the numbers, a picoCurie is 0.000,000,000,001 (one-trillionth) of a Curie, an international measurement unit of radioactivity. One pCi/L means that in one liter of air there will be 2.2 radioactive disintegrations each minute. For example, at 4 pCi/L there will be approximately 12,672 radioactive disintegrations in one liter of air, during a 24-hour period.

Conducting Follow-up Measurements

USEPA protocol describes two general types of radon measurements: short-term tests conducted from 48 hours up to 90 days, and long-term tests that last from 90 to 365 days. Your first test (initial/screening) should be a short-term 'worst-case' screening to see if there is a potential for high exposure to radon. Screening tests should be conducted under closed-building conditions, in the lowest lived-in area in the house, because the highest concentrations of radon will usually be found in a room closest to the underlying soil. Tests made under these conditions are less likely to miss a house with a potential for high concentrations. On the other hand, if the results of worst-case screening tests are very low, there is a high probability that the average annual concentrations in the house are also low.

* Your state has designated a radon officer to assist citizens with questions on radon. Most offer free information on radon and radon reduction techniques, and most keep a list of qualified radon testing and mitigation businesses. Your radon officer can also provide the phone number of your regional USEPA office.

Conducting Follow-up Measurements

The higher your initial (screening) tests, the sooner you should conduct follow-up measurements. The EPA states that you should retest the same location that was tested initially. **For additional or follow-up testing,** make sure at least one test is conducted in the **lowest lived-in level** of the home. Also choose regularly used rooms, such as family rooms, dens, playrooms, or bedrooms. A bedroom on the lower level may be a good choice, because people generally spend the most time in their bedrooms (approximately one-third of the year). If there are children, it may be appropriate to test their rooms or other areas where they spend a lot of time, especially at the lower levels. All short-term follow-up tests **must** be conducted under closed-building conditions. If closed-building conditions cannot be maintained, a long-term measurement conducted under normal living conditions could be used to help estimate average annual exposures.

Tests **should not be conducted** in a kitchen or a bathroom because high humidity, exhaust fans, and other factors can adversely affect the test results. Tests **should not be conducted** in storage areas or laundry rooms, because relatively little time is spent there. Although radon in water may be a contributor to the concentration of airborne radon, radon in air should be **confirmed** before a test for radon in water is performed.

It is recommended that before spending any time or money on radon mitigation, one should conduct multiple (three or more) tests to be certain there is a need. A few more tests will most certainly cost considerably less than any mitigation work.

If follow-up measurements have **confirmed** that the average annual level of radon is equal to or greater than 4 pCi/L, the USEPA recommends that the building or home be mitigated for radon. Consider also that a future buyer is likely to demand that the building pass a radon test before purchasing.

Variations in Radon Levels: what can affect your test results and why it may be important to conduct confirmation tests.

When tests are performed in different seasons or under different weather conditions, the initial screening and follow-up tests may vary considerably. Radon levels can vary significantly between seasons, so different values **are to be expected**. Even during normal

weather, indoor radon levels may rise and fall by a factor of two on a daily cycle; for example, from 5 pCi/L to 10 pCi/L in 24 hours. During rapidly changing or stormy weather, the levels may change more dramatically. Because continual changes in radon levels are considered the norm, expose the testing device for as long as is practical, while following the manufacturer's recommendations. This, of course, provides a better overall average of the measurement.

If you are comparing tests, or are averaging a series of tests, bear in mind that any radon test returns only the average of the levels present during a **specific period of time** at the **precise location** of the test. Conditions during a different test period or at a different location in the building are **expected to be different**.

Test results can also vary if the radon test instructions were not carefully followed. A laboratory measuring radon in samples taken outside the lab **must rely on the person conducting the test**. For example, the wrong starting or ending date of a test will significantly affect the calculated result. The location of each radon test can also influence the result. For example, a test placed in the blowing air stream of a fan is likely to collect more radon than it would under normal conditions. Also, three tests conducted in one home, but in three different rooms, **would be expected to have at least slightly different test results**.

Test results from a properly used activated charcoal test will more closely reflect the average radon concentrations over the last three to five days of the test period. This happens because the radon collected by the activated charcoal has a radioactive half-life of only four days. This means, for example, over one-half of the radon collected during the first three days of a seven day test 'died' before the test ended. Seven day exposures of activated charcoal test devices are suggested because this allows the charcoal to equilibrate with its environment, averaging out the peaks and valleys that normally occur in real-life radon levels. Also the aspect of user convenience is considered, because most find it easier to remember to end a test on the same day of the week it was started.

If you have further questions regarding this test or need advice on follow-up testing, call fax or write to our technical service department listed below. Thank you for choosing the Air Chек test device.

PERFORMING RADON TESTS FOR A REAL ESTATE TRANSACTION

EPA guidelines recommend that at least two short-term tests should be conducted, either together or sequentially, at the same location in the building. If the average of all the tests is below 4 pCi/L, then no further action is necessary at this time. It is **highly recommended** that any property transaction tests be conducted by a non-interested third party. To locate a listed or certified radon tester, contact your state or regional EPA radon office or visit our website at <http://www.radon.com> to download a list of NEHA-certified testers. Ask for or download publication number EPA 402-K-00-008 Home Buyer's and Seller's Guide to Radon.

Limitation of Liability: While we at Air Chек, Inc. make every effort to maintain the highest possible quality control and include several checks and verification steps in our procedures, we make NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS with respect to any item furnished, information supplied or services rendered you by Air Chек, Inc. Before any action is taken on the basis of test results given to you by Air Chек, Inc. we recommend that further testing be done. Neither Air Chек, Inc., nor any of our employees or agents, shall be liable under any claim, charge, or demand, whether in contract, tort or otherwise, for any and all losses, costs, charges, claims, demands, fees, expenses, injuries or damages (including without limitation INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH ARE EXCLUDED) of any nature or kind arising out of, connected with, resulting from, or sustained as a result of any item furnished, information supplied, or service rendered to you by Air Chек, Inc.

Notice to Pennsylvania Residents: The Radon Certification Act requires that anyone who provides any radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments, or complaints concerning persons who provide radon-related services, please contact the Department of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469 (717-783-4594).

The radon test kit(s) used for this report is certified by the NEHA-NRPP, Lab ID: 101138, for use in all fifty states. It is also listed or certified for use in all states that have a radon program.

For technical information, call (828) 684-0893. Office hours are Mon-Fri 8:30 to 5:30 EASTERN
You can reach us by Fax at (828) 684-8498 or write to Air Chек, Inc., Box 2000, Naples, NC 28760
Web Site: <http://www.radon.com> **Email to:** info@radon.com

Radon Test Result: 1.5 ±0.2 pCi/L

Test Started 09/04/12 at 11:00 am

Test Ended 09/07/12 at 4:00 pm

Closed house conditions maintained during test.

Location Basement

|||||
TCHU YAJH
1031 FULLER AVE
SAINT PAUL, MN 55104-4716

INTERPRETING YOUR TEST RESULT

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You may be able to obtain additional information about radon related subjects by calling your **state radon officer at 800-798-9050**. Or call the "Radon Fix-It Line" at 800-644-6999 Monday thru Friday between NOON and 8 pm EST

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Conducting Follow-up Measurements

USEPA protocol describes two general types of radon measurements: short-term tests conducted from 48 hours up to 90 days, and long-term tests that last from 90 to 365 days. Your first test (initial/screening) should be a short-term 'worst-case' screening to see if there is a potential for high exposure to radon. Screening tests should be conducted under closed-building conditions, in the lowest lived-in area in the house, because the highest concentrations of radon will usually be found in a room closest to the underlying soil. Tests made under these conditions are less likely to miss a house with a potential for high concentrations. On the other hand, if the results of worst-case screening tests are very low, there is a high probability that the average annual concentrations in the house are also low.

* Your state has designated a radon officer to assist citizens with questions on radon. Most offer free information on radon and radon reduction techniques, and most keep a list of qualified radon testing and mitigation businesses. Your radon officer can also provide the phone number of your regional USEPA office.

Conducting Follow-up Measurements

The higher your initial (screening) tests, the sooner you should conduct follow-up measurements. The EPA states that you should retest the same location that was tested initially. **For additional or follow-up testing,** make sure at least one test is conducted in the **lowest lived-in level** of the home. Also choose regularly used rooms, such as family rooms, dens, playrooms, or bedrooms. A bedroom on the lower level may be a good choice, because people generally spend the most time in their bedrooms (approximately one-third of the year). If there are children, it may be appropriate to test their rooms or other areas where they spend a lot of time, especially at the lower levels. All short-term follow-up tests **must** be conducted under closed-building conditions. If closed-building conditions cannot be maintained, a long-term measurement conducted under normal living conditions could be used to help estimate average annual exposures.

Tests **should not be conducted** in a kitchen or a bathroom because high humidity, exhaust fans, and other factors can adversely affect the test results. Tests **should not be conducted** in storage areas or laundry rooms, because relatively little time is spent there. Although radon in water may be a contributor to the concentration of airborne radon, radon in air should be **confirmed** before a test for radon in water is performed.

It is recommended that before spending any time or money on radon mitigation, one should conduct multiple (three or more) tests to be certain there is a need. A few more tests will most certainly cost considerably less than any mitigation work.

If follow-up measurements have **confirmed** that the average annual level of radon is equal to or greater than 4 pCi/L, the USEPA recommends that the building or home be mitigated for radon. Consider also that a future buyer is likely to demand that the building pass a radon test before purchasing.

Variations in Radon Levels: what can affect your test results and why it may be important to conduct confirmation tests.

When tests are performed in different seasons or under different weather conditions, the initial screening and follow-up tests may vary considerably. Radon levels can vary significantly between seasons, so different values **are to be expected**. Even during normal

weather, indoor radon levels may rise and fall by a factor of two on a daily cycle; for example, from 5 pCi/L to 10 pCi/L in 24 hours. During rapidly changing or stormy weather, the levels may change more dramatically. Because continual changes in radon levels are considered the norm, expose the testing device for as long as is practical, while following the manufacturer's recommendations. This, of course, provides a better overall average of the measurement.

If you are comparing tests, or are averaging a series of tests, bear in mind that any radon test returns only the average of the levels present during a **specific period of time** at the **precise location** of the test. Conditions during a different test period or at a different location in the building are **expected to be different**.

Test results can also vary if the radon test instructions were not carefully followed. A laboratory measuring radon in samples taken outside the lab **must rely on the person conducting the test**. For example, the wrong starting or ending date of a test will significantly affect the calculated result. The location of each radon test can also influence the result. For example, a test placed in the blowing air stream of a fan is likely to collect more radon than it would under normal conditions. Also, three tests conducted in one home, but in three different rooms, **would be expected to have at least slightly different test results**.

Test results from a properly used activated charcoal test will more closely reflect the average radon concentrations over the last three to five days of the test period. This happens because the radon collected by the activated charcoal has a radioactive half-life of only four days. This means, for example, over one-half of the radon collected during the first three days of a seven day test 'died' before the test ended. Seven day exposures of activated charcoal test devices are suggested because this allows the charcoal to equilibrate with its environment, averaging out the peaks and valleys that normally occur in real-life radon levels. Also the aspect of user convenience is considered, because most find it easier to remember to end a test on the same day of the week it was started.

If you have further questions regarding this test or need advice on follow-up testing, call fax or write to our technical service department listed below. Thank you for choosing the Air Chek test device.

PERFORMING RADON TESTS FOR A REAL ESTATE TRANSACTION

EPA guidelines recommend that at least two short-term tests should be conducted, either together or sequentially, at the same location in the building. If the average of all the tests is below 4 pCi/L, then no further action is necessary at this time. It is **highly recommended** that any property transaction tests be conducted by a non-interested third party. To locate a listed or certified radon tester, contact your state or regional EPA radon office or visit our website at <http://www.radon.com> to download a list of NEHA-certified testers. Ask for or download publication number EPA 402-K-00-008 Home Buyer's and Seller's Guide to Radon.

Limitation of Liability: While we at Air Chek, Inc. make every effort to maintain the highest possible quality control and include several checks and verification steps in our procedures, we make NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS with respect to any item furnished, information supplied or services rendered you by Air Chek, Inc. Before any action is taken on the basis of test results given to you by Air Chek, Inc. we recommend that further testing be done. Neither Air Chek, Inc., nor any of our employees or agents, shall be liable under any claim, charge, or demand, whether in contract, tort or otherwise, for any and all losses, costs, charges, claims, demands, fees, expenses, injuries or damages (including without limitation INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH ARE EXCLUDED) of any nature or kind arising out of, connected with, resulting from, or sustained as a result of any item furnished, information supplied, or service rendered to you by Air Chek, Inc.

Notice to Pennsylvania Residents: The Radon Certification Act requires that anyone who provides any radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments, or complaints concerning persons who provide radon-related services, please contact the Department of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469 (717-783-4594).

The radon test kit(s) used for this report is certified by the NEHA-NRPP, Lab ID: 101138, for use in all fifty states. It is also listed or certified for use in all states that have a radon program.

For technical information, call (828) 684-0893. Office hours are Mon-Fri 8:30 to 5:30 EASTERN
You can reach us by Fax at (828) 684-8498 or write to Air Chek, Inc., Box 2000, Naples, NC 28760
Web Site: <http://www.radon.com> **Email to:** info@radon.com

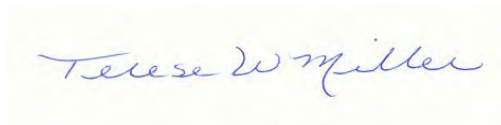
ASBESTOS AND LEAD-BASED PAINT SURVEY

1031 Fuller Avenue
St. Paul, Minnesota

Prepared for:

City of St. Paul
Department of Planning and Economic Development
1100 City Hall Annex
25 West 4th Street
St. Paul, Minnesota 55102-1623

Submitted by:



Terese W. Miller
Principal Consultant, CEO



St. Croix Environmental, Inc.
1094 Golden Oaks Drive
Hudson, Wisconsin 54016

January 26, 2012

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APPENDICES

Appendix I	Asbestos Survey Report
Appendix II	Lead-Based Paint Testing Report

1. Introduction

St. Croix Environmental, Inc. (SCE) was retained by the City of St. Paul (the City) to administer a Survey of the property located at 1031 Fuller Avenue in St. Paul, Minnesota (the Site). The Site is occupied by a single-family dwelling which is scheduled for rehabilitation.

The purpose of the work was to evaluate building materials suspected to contain asbestos and lead-based paint as follows:

- Identify asbestos containing materials (ACM) at the Site as defined by the Environmental Protection Agency (EPA), Minnesota Pollution Control Agency (MPCA), and the Minnesota Department of Health (MDH).
- Identify surfaces that contain lead-based paint prior to rehabilitation in accordance with US Department of Housing and Urban Development (HUD) guidelines.

The work did not include a survey for hazardous materials other than asbestos or lead-based paint.

2. Asbestos Survey

On January 17, 2012, Mathew Erickson and Richard Fink, Minnesota Department of Health (MDH) Certified Asbestos Inspectors with Peer Engineering, Inc. completed the building survey and sampling activities.

2.1. ACM Sampling

A list of the suspect asbestos materials that were sampled can be found on Table 1 in **Appendix I**. Materials other than those listed, and not sampled, were either: 1) not considered suspect for asbestos content (e.g. fiberglass insulation, concrete, brick, plastic); or, 2) inaccessible, such as materials in wall cavities, confined spaces, or locked rooms/areas. If suspect asbestos containing materials other than those listed and sampled are discovered at the Site, they should be considered asbestos containing until testing proves otherwise.

The samples were analyzed for asbestos content by EPA Method 600/R-93/116, at Schneider Laboratories, Richmond, Virginia. Schneider's laboratory is accredited for asbestos bulk material analysis under the National Institute of Sciences' National Voluntary Laboratory Accreditation Program (NVLAP). The analytical method's lower detection limit is one-percent asbestos by volume. The method provides a visual estimation of asbestos in the material sample.

2.2. ACM Results

A copy of the analytical laboratory report is included in **Appendix I**. The sample location diagram is also included the appendix.

None of the materials sampled were found to contain asbestos.

3. Lead-Based Paint Survey

On January 17, 2012, Matthew Erickson, a Minnesota-licensed lead risk assessor with Peer Engineering, Inc., performed a HUD lead-based paint inspection and risk assessment of the property. At the request of the City of Saint Paul (City), this report provides information in accordance with HUD guidelines regarding the identification of lead-based paint. The City has determined that abatement is the required method for addressing lead-based paint at this property in order to comply with HUD guidelines.

3.1. Lead-Based Paint Sampling

Observations for lead-based paint, conducted in accordance with HUD guidelines, include a description of condition. Based on current regulatory definitions, lead-based paint is defined as paint containing lead concentrations equal to or greater than 1.0 milligrams per square centimeter (mg/cm²) when using a Niton XL X-ray fluorescence (XRF) analyzer. The XRF provides the measured lead concentration in weight of lead per unit area.

3.2. Lead-Based Paint Results

The following table summarizes lead-based paint testing results. Complete results of the XRF analyzer are presented in **Appendix II**.

Tested Building Component	Number of Test Locations	Positive Results	Negative Results	LBP Classification
Plaster Walls and Ceilings	48	18	30	Positive
Wood Porch	2	2	0	Positive
Wood Siding (house and garage)	2	1	1	Positive
Wood Windows (Exterior and Interior)	9	7	2	Positive
Wood Doors (Exterior and Interior)	12	4	8	Positive
Wood Crown Molding	1	0	1	Negative
Wood Baseboards	5	1	4	Positive
Wood Beams	3	0	3	Negative
Cabinets	2	0	2	Negative
Metal Radiator Covers	4	0	4	Negative
Interior Wood Doors	8	0	8	Negative
Ceramic Tile	1	1	0	Positive
Exterior Foundation	1	0	1	Negative
Wainscoat Walls	2	1	1	Positive
Stair Runs and Riser	3	1	2	Positive

4. Definitions

The following definitions apply to this report:

- The EPA/MPCA/MDH defines ACM as any material that contains greater than one percent asbestos by volume. Materials found to contain one percent or less asbestos by volume are not regulated as ACM by EPA/MPCA/MDH.
- Friable ACM is defined as any material that contains greater than one percent asbestos, and which can be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos. Category I non-friable ACM is not allowed to remain in place during renovation/rehabilitation if it is in a condition where the renovation/rehabilitation activities might cause it to become friable.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Category II nonfriable ACM is not allowed to remain in place during renovation or rehabilitation if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during renovation, rehabilitation, transport, or disposal.

5. Inspection and Sampling Limitations

This survey report is intended to describe lead-based paint and ACM that may be present at the subject site, including those that may be impacted during renovation or rehabilitation activities. Services performed by the consultant were conducted in accordance with generally recognized industry standards and current MPCA and MDH guidelines, and in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances and under similar budget and time constraints. No other warranty is made or intended.

The survey is not intended to be technically exhaustive and no representation is made to the client, expressed or implied, and no warranty or guarantee is included or intended. It is possible that some materials were not identified during the course of the inspection at this site. Such unidentified materials would be those that are hidden from view, such as floor tile under floor tile or carpet, pipe insulation in wall cavities, materials out of reach in high ceiling areas, materials located under or behind finish materials, or materials inadvertently overlooked. Building materials known to possibly contain asbestos or lead-based paint which were not sampled as part of this survey should be assumed to be asbestos or lead containing until proven otherwise.

The consultant and/or inspector for this survey are not held responsible or liable for any repairs or replacements with regards to this property, systems, components, or the contents therein. Material samples were analyzed by an independent outside laboratory; the results of their analyses are presented herein. While we choose an established, reputable and certified lab to perform the sample analysis, SCE does not warrant the accuracy of the laboratory results.

The information contained in this report represents the consultant's best efforts to determine the presence of lead-based paint and ACM at the site given the site conditions. No inspection was carried out of flues, chutes, ducts, voids and any similar enclosed areas, the access to which would necessitate the use of specialist equipment or tools, or which would have caused damage to decoration, fixtures, fittings or the structure of the building. We are therefore unable to report on the presence of asbestos or lead in these areas, and accept no responsibility for the presence of such.

ASBESTOS SURVEY

1031 Fuller Ave
St. Paul, Minnesota

Prepared For:

St. Croix Environmental Inc.
1094 Golden Oaks Drive
Hudson, WI 54016

January 24, 2012

ASBESTOS SURVEY
1031 FULLER AVE
ST. PAUL, MINNESOTA

Prepared For:

St. Croix Environmental Inc.
1094 Golden Oaks Drive
Hudson, WI 54016

Prepared by:

Peer Engineering, Inc.
7615 Golden Triangle Drive, Suite N
Eden Prairie, Minnesota 55344
(952) 831-3341

January 24, 2012

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LIST OF APPENDICES

Appendix A – Asbestos Summary Table
Appendix B – Asbestos Analytical Results
Appendix C – Asbestos Sample Locations
Appendix D – Summary of Qualifications

1.0 INTRODUCTION

Peer Engineering, Inc. (Peer) was retained by St. Croix Environmental to conduct asbestos sampling at the residential dwelling located at 1031 Fuller Ave, St. Paul, Minnesota (the Site). The Site is occupied by a one-story residential structure and a detached garage. The dwelling and garage were vacant at the time of the survey. Peer understands that the dwelling may be renovated.

The work performed as part of this project was completed to meet the following objectives:

1. Identify friable and non-friable asbestos-containing materials (ACM) at the Site as defined by the Environmental Protection Agency (EPA), Minnesota Pollution Control Agency (MPCA), and the Minnesota Department of Health (MDH).
2. Identify regulated ACM (friable or non-friable) at the Site that could become friable during renovation activities, and according to current State and Federal regulations, would require abatement prior to initiating renovation activities.

This report summarizes the findings of our sampling.

2.0 SURVEY INFORMATION

Mr. Richard Fink and Mr. Matt Erickson, MDH Certified Asbestos Inspectors, completed the building survey and associated sampling activities on January 17, 2012. A walk-through reconnaissance of the structures was conducted to identify suspect ACM.

2.1 GENERAL INFORMATION AND DEFINITIONS

For the purpose of this assessment, the structures were considered as one functional area as defined by the Asbestos Hazard Emergency Response Act (AHERA). Upon completion of the reconnaissance, the suspect ACM was assessed, inventoried, and sampled for laboratory analysis.

The following definitions apply to this report:

- ♦ The EPA defines ACM as any material that contains greater than one percent asbestos. Materials found to contain one percent or less asbestos are not regulated as ACM.
- ♦ Friable ACM is defined as any material that contains greater than one percent asbestos, and which can be crumbled, pulverized, or reduced to powder by hand pressure.

- ♦ Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos. Category I non-friable ACM is not allowed to remain in place during renovation or demolition if it is in a condition where the renovation/demolition activities might cause it to become friable.
- ♦ Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Category II non-friable ACM is not allowed to remain in place during renovation or demolition if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during renovation, demolition, transport, or disposal.

2.2 SAMPLING AND ANALYTICAL TESTING

Non-Suspect Material

The following materials were determined to be non-suspect ACM and were not targeted for sampling during this inventory:

- ♦ Wood floor, ceiling, and/or walls.
- ♦ Concrete floors.

2.3 SAMPLING AND ANALYTICAL TESTING

Suspect ACM Targeted for Sampling

The following is a list of readily identifiable suspect ACM that was identified and subsequently sampled:

- ♦ Vapor barrier.
- ♦ Ceiling & wall texture.
- ♦ Drywall.
- ♦ Roofing material.
- ♦ Various types of countertop materials.
- ♦ Plaster walls.
- ♦ Various types of adhesives.
- ♦ Various types of floor tiles.
- ♦ Various types of vinyl sheet flooring.
- ♦ Various types of ceiling tiles.
- ♦ Various types of caulk.
- ♦ Window glaze.
- ♦ Baseboards.

- ◆ Transite siding.

The sampled building materials were observed to be in predominately poor condition. It is noted that only limited destructive testing was conducted since City of St. Paul plans to renovate the Site, thus other unidentified materials may also be present.

Sample Analysis

A total of 21 bulk samples were submitted for laboratory analysis. Some of the bulk samples consisted of several layers. A total of 27 samples (including layers) were analyzed using polarized light microscopy (PLM) in accordance with EPA analytical protocol {EPA-600 R93/116} by Schneider Laboratories Global Inc. of Richmond, Virginia. Materials that were analyzed and found to contain **one percent or less** asbestos are considered “non-asbestos” per current State and Federal regulations. Materials that were found to contain **greater than one percent** asbestos are considered to be ACM.

Under current Federal regulations, if the PLM results detect asbestos at a concentration of less than 10% in one or more of the samples from any sample unit, the owner or operator of the building may (1) elect to assume the amount to be greater than 1% and treat the material as ACM or (2) require verification of the amount by utilizing the Point-Count Method. If the Point-Count Method analysis determines that the concentration of asbestos is greater than one percent, the material will be determined to be regulated ACM. If the Point-Count Method analysis determines that the concentration of asbestos is one percent or less, the material will be determined to be unregulated and non-asbestos containing.

An Asbestos Summary Table is included in **Appendix A**. Copies of the analytical laboratory report are included as **Appendix B**. A sample location diagram is included as **Appendix C**.

2.4 RESULTS

ACM (Confirmed by Sampling and Analysis)

The following building materials sampled from the structures were determined to be ACM based on the definitions provided in current State and Federal regulations:

Friable ACM

No building materials sampled from the structure were determined to be Friable ACM.

Non-Friable ACM (Category I)

No building materials sampled from the structure were determined to be Non-Friable ACM (Category I).

Non-Friable ACM (Category II)

No building materials sampled from the structure were determined to be Non-Friable ACM (Category II).

Non-ACM (Confirmed by Sampling and Analysis)

The building materials sampled from the structure were determined to be non-ACM based on the definitions provided in current State and Federal regulations (see **Appendix A** for specific samples).

2.5 LIMITATIONS

The observations and sampling activities conducted during this project are not intended to represent a comprehensive destructive asbestos building survey as defined by the EPA, MPCA, MDH, or other regulatory agencies.

Spaces above ceilings, beneath floors, and within walls were not accessed during this survey. Thus, there is a potential for encountering unidentified suspect ACM in interstitial spaces behind walls and ceilings and/or beneath observed flooring during future renovation activities. The high pitched roof was not accessed during this survey, thus, there is the potential for unidentified suspect ACM to be present on the roof. Peer did not disassemble furnaces, water heaters, or household equipment or appliances. There is a potential for ACM components (in addition to those sampled) to be present inside of these components.

Based on these limitations, the quantities listed in this survey reflect the visibility available at the time of the survey. All quantities in this survey are estimations and should not be considered exact measurements when used for obtaining abatement bids.

3.0 STANDARD OF CARE & QUALIFICATIONS

Services performed by Peer have been conducted in accordance with generally recognized industry standards and current MPCA and MDH guidelines, where applicable. The services performed by Peer have been conducted with the level of care and skill ordinarily exercised by reputable members of the profession, practicing in the same locality under similar budget and time constraints. No other warranty is made or intended.

A summary of corporate and individual qualifications for Peer and the individuals associated with this project is included in **Appendix D**.

Prepared by:

A handwritten signature in blue ink, appearing to read 'R. Fink', with a long horizontal flourish extending to the right.

Richard F. Fink
Environmental Professional
MDH Asbestos Inspector No.: AI11812

A handwritten signature in black ink, appearing to read 'Matthew P. Erickson', with a long horizontal flourish extending to the right.

Matthew P. Erickson
Senior Environmental Professional
MDH Asbestos Inspector No.: AI3098

APPENDIX A

ASBESTOS SUMMARY TABLE -1031 Fuller Ave, St. Paul, MN					
SAMPLE REFERENCE NUMBER	SUSPECT MATERIAL	LOCATION	% ASBESTOS ANALYTICAL RESULTS	FRIABLE OR NON- FRIABLE	QUANTITY
1	White floor sheeting	Kitchen	ND	NA	NA
2	tan floor tile and cream mastic	Kitchen	ND	NA	NA
3	Fuax red brick	Kitchen	ND	NA	NA
4A-4E	Plaster wall	Kitchen, bathroom, bedroom 1, family room and bedroom 2.	ND	NA	NA
5	carpet mastic	Family room	ND	NA	NA
6	Tan mastic	Hallway	ND	NA	NA
7	Brown tile and white mastic	Bathroom	ND	NA	NA
8	White wall sheeting and mastic	Bathroom	ND	NA	NA
9	White tub caulk	Bathroom	ND	NA	NA
10	White brick and mortar	Basement	ND	NA	NA
11	White adhesive	Basement	ND	NA	NA
12	Brown floor sheeting	Stairwell	ND	NA	NA
13	Joint compound	Stairwell	ND	NA	NA
14	Window caulk	Exterior	ND	NA	NA
15	Buffalo board	Garage	ND	NA	NA
16	Black shingles	Garage	ND	NA	NA
17	gray insulation	Attic	ND	NA	NA

ND - Not detected at or above the laboratory detection limits.

SF - Square Feet.

LF - Linear Feet.

APPENDIX B

SCHNEIDER LABORATORIES GLOBAL

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475

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AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, VELAP 460135, NYELAP/NELAC 11413

LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method¹ 600/R-93/116

Using SLI A6

ACCOUNT #: 3556-12-50
CLIENT: St. Croix Environmental, Inc.
ADDRESS: 1094 Golden Oaks Drive
Hudson, WI 54016
PROJECT NAME: City of St. Paul, MN
JOB LOCATION: 1031 Fuller Ave
PROJECT NO.: 21063.01
PO NO.:

DATE COLLECTED: 1/17/2012
DATE RECEIVED: 1/18/2012
DATE ANALYZED: 1/18/2012
DATE REPORTED: 1/19/2012

SampleType: BULK

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
1	31322030	Kitchen		
Layer 1:	Sheet Flooring White/Gray, Fibrous		None Detected	30% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 65% NON FIBROUS MATERIAL
2	31322031	Kitchen		
Layer 1:	Floor Tile Tan, Organically Bound		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Mastic Cream, Soft		None Detected	100% NON FIBROUS MATERIAL
3	31322032	Kitchen		
Layer 1:	Brick Red, Fibrous		None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
4A	31322033	Kitchen		
Layer 1:	Wall Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory.

Visit www.slabinc.com for current certifications.

Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
4B	31322034	Bathroom		
Layer 1:	Wall Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
4C	31322035	Bedroom 1		
Layer 1:	Wall Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
4D	31322036	Family Rm		
Layer 1:	Wall Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
4E	31322037	Bedroom 2		
Layer 1:	Wall Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
5	31322038	Family Rm		
Layer 1:	Carpet Mastic Tan, Soft		None Detected	100% NON FIBROUS MATERIAL
6	31322039	Hallway		
Layer 1:	Mastic Tan, Soft		None Detected	100% NON FIBROUS MATERIAL
7	31322040	Bathroom		
Layer 1:	Tile Brown, Hard		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Mastic White, Granular		None Detected	100% NON FIBROUS MATERIAL
8	31322041	Bathroom		
Layer 1:	Fibrous Material White/Brown, Fibrous		None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
Layer 2:	Mastic Tan, Soft		None Detected	100% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory.

Visit www.slabinc.com for current certifications.

Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
9	31322042	Bathroom		
Layer 1:	Caulk White, Soft		None Detected	100% NON FIBROUS MATERIAL
10	31322043	Basement		
Layer 1:	Brick White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Mortar Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
11	31322044	Basement		
Layer 1:	Adhesive White, Granular		None Detected	100% NON FIBROUS MATERIAL
12	31322045	Stairwell		
Layer 1:	Sheet Flooring Brown, Fibrous		None Detected	20% CELLULOSE FIBER 25% SYNTHETIC FIBER 55% NON FIBROUS MATERIAL
13	31322046	Stairwell		
Layer 1:	Joint Compound White, Granular No Drywall Found.		None Detected	100% NON FIBROUS MATERIAL
14	31322047	Exterior		
Layer 1:	Window Caulk Tan, Soft		None Detected	100% NON FIBROUS MATERIAL
15	31322048	Garage		
Layer 1:	Board Material Tan, Fibrous		None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
16	31322049	Garage		
Layer 1:	Shingle Black, Bituminous		None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
Layer 2:	Shingle Red/Black, Bituminous		None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL

Total Number of Pages in Report: 4

Results relate only to samples as received by the laboratory.

Visit www.slabinc.com for current certifications.

Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
Layer 3:	Paper Black, Bituminous/Fibrous		None Detected	55% CELLULOSE FIBER
				35% SYNTHETIC FIBER
				10% NON FIBROUS MATERIAL
17	31322050	Attic		
Layer 1:	Insulation Gray, Fibrous		None Detected	90% CELLULOSE FIBER
				10% NON FIBROUS MATERIAL

Analyst:


SAMANI ABDELFADEL

Reviewed By:


Hind Eldanaf, Microscopy Supervisor**Total Number of Pages in Report: 4**

Results relate only to samples as received by the laboratory.

Visit www.slabinc.com for current certifications.

Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.



SCHNEIDER LABORATORIES GLOBAL, INC.

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

WO L:

WorkOrderKey



V : \ 862 \ 862901

Submitting Co.	Peer Engineering, INC (for ST. Croix Env)	Lab Use- WO #	3550-12-50
Acct #		Phone #	
Bill To: St. Croix Environmental c/o Kevin Miller		Fax #	
1094 Golden Oaks Dr - Hudson, WI 54016		E-mail	

Project Name:	City of St Paul, MN	Special Instructions [include requests for special reporting or data packages]
Project Location:	1031 Fuller Ave	e-mail results to KMiller@stcroixenv.com
Project Number:	21063.01	
PO Number:		State Of Collection Minnesota

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours*	All samples on form should be of SAME matrix type. Use additional forms as needed. <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> <input type="checkbox"/> Soil <input type="checkbox"/>	Asbestos Air / Fiber Counts	Asbestos Bulk / Asb ID	Metals-Total Conc.
<input type="checkbox"/> Same day*		<input type="checkbox"/> PCM (NIOSH 7400)	<input checked="" type="checkbox"/> PLM (EPA 600/R-93/116)	<input type="checkbox"/> Lead
<input type="checkbox"/> 1 business day*		<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> RCRA Metals
<input checked="" type="checkbox"/> 2 business day*		<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> PLM (Qualitative only)	<input type="checkbox"/>
<input type="checkbox"/> 3 business days*			<input type="checkbox"/> NYELAP 198.1/4/6	<input type="checkbox"/>
<input type="checkbox"/> 5 business days*		Miscellaneous Tests	<input type="checkbox"/> CAELAP (EPA Interim)	Metals-Extract
<input type="checkbox"/> Full TCLP (10d)		<input type="checkbox"/> Total Dust (NIOSH 0500)	<input type="checkbox"/> TEM (Chatfield)	<input type="checkbox"/> TCLP / Lead
<input type="checkbox"/> Weekend*		<input type="checkbox"/> Resp. Dust (NIOSH 0600)		<input type="checkbox"/> TCLP / RCRA Metals
* not available for all tests		<input type="checkbox"/> Silica - FTIR (NIOSH 7602)	FOR ASBESTOS AIR:	<input type="checkbox"/> TCLP / Full (w/ organics)
Schedule rush organics, multi-metals & weekend tests in advance.		<input type="checkbox"/> Silica - XRD (NIOSH 7500)	TYPE OF RESPIRATOR	Others
			USED:	<input type="checkbox"/>

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹	Time²	Flow Rate³	Total⁴
					A,B,P,E	Start	Stop	Air Vol
1	1-17-12		white w/Gray diamonds Floor sheeting - Kitchen					
2			12x12 tan floor tile w/mastic - kitchen					
3			Faux red brick - Kitchen					
4A			plaster wall & ceiling - Kitchen					
4B			plaster wall & ceiling - Bathroom					
4C			plaster wall & ceiling - Bedroom 1					
4D			plaster wall & ceiling - Family Rm					
4E			plaster wall & ceiling - Bedroom 2					
5			tan carpet mastic - Family Rm					
6			wood floor tan mastic - Hallway					
7			6x6 pink wall tile w/tan mastic - Bathroom					
8			white wall sheeting w/tan mastic - Bathroom					

¹Type: A=area B=blank P=personal E=excursion ²Beginning/End of Sample Period ³Pump Calibration in Liters/Minute ⁴Volume in Liters [time in min * flow in L/min]

Sampled by	Relinquished to lab by	<div>RECEIVED 1 of 2 JAN 18 2012</div>	<input type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB
NAME Rick Fair	NAME Rick Fair		
SIGNATURE	SIGNATURE		
DATE/TIME 1-17-12	DATE/TIME 1-17-12		
<input type="checkbox"/> Sample return requested <input type="checkbox"/> Ambient temp <input type="checkbox"/> Ice °C pH Cl <input type="checkbox"/> R <input checked="" type="checkbox"/> X Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.			

APPENDIX C



7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

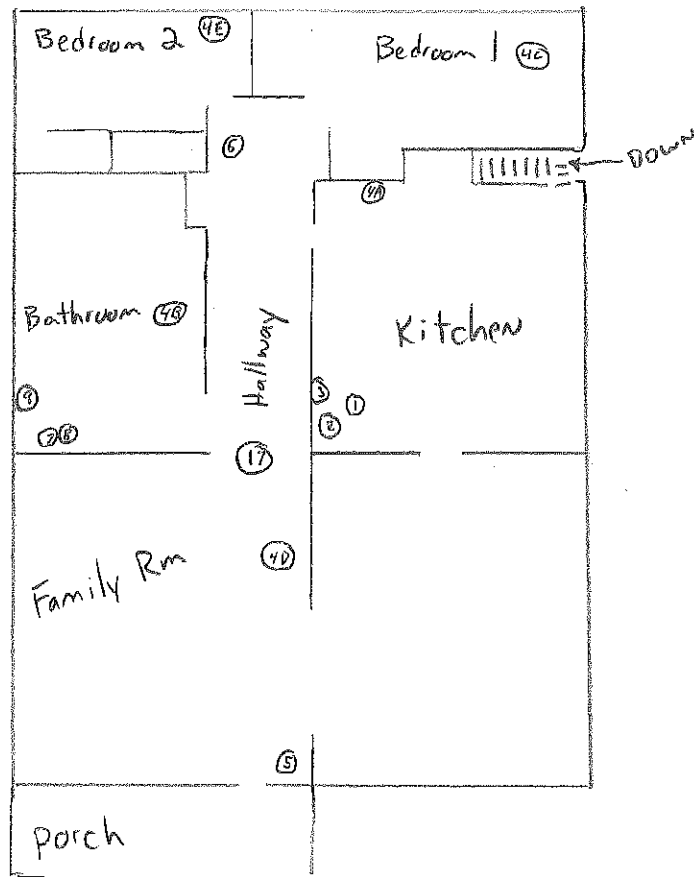
Project No. 21063.01

Sheet _____ of _____

Project Name 1031 Fuller

By _____ Date 1-17-12

Asbestos
Sample
Locations



Fuller



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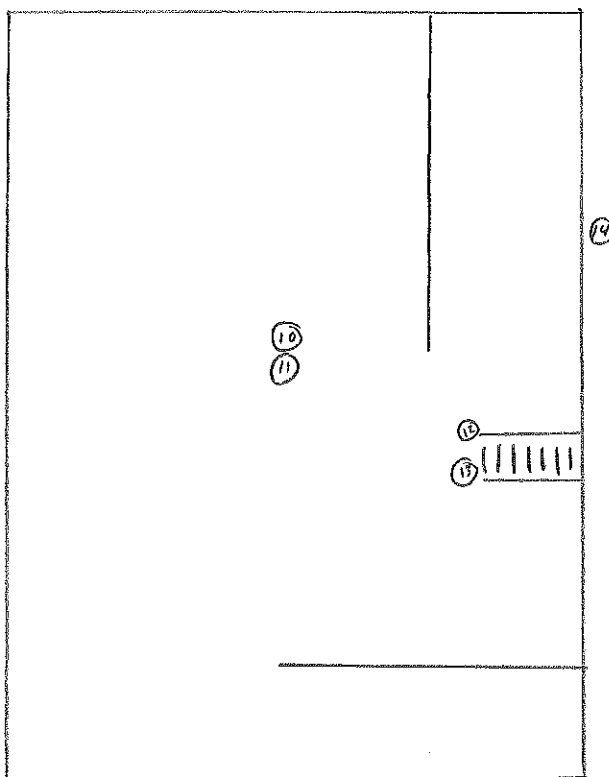
Project No. 21063.01

Sheet _____ of _____

Project Name 1031

By _____ Date 1-17-12

Asbestos
sample
locations



Basement

Fuller



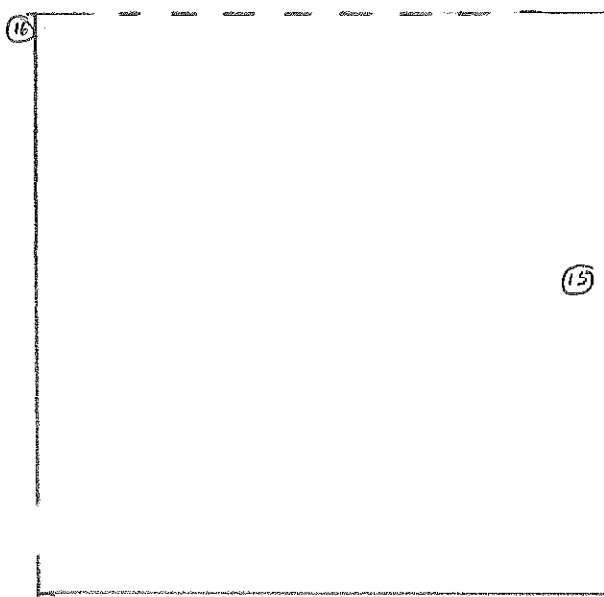
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Project No. 21063.01 Sheet _____ of _____

Project Name 1031 Fuller

By _____ Date 1-17-12

Asbestos
Sample
Locations



garage

Fuller

APPENDIX D

QUALIFICATIONS AND EXPERIENCE

Peer was incorporated in the State of Minnesota in March 1991. The company is owned and operated by Stephen T. Jansen, M.S., P.G., and Kenneth A. Larsen, P.E., P.G. Peer is a highly specialized engineering company providing a full range of services including, but not limited to, Phase I Environmental Site Assessments; asbestos, lead based paint and other hazardous materials identification and abatement supervision; radon measurement and mitigation design; underground storage tank identification, abandonment and removal supervision; operations and maintenance (O&M) program development; and soil and groundwater contamination assessment and remediation.

Since our incorporation in 1991, Peer has specialized in providing services to local government, industry, lenders, attorneys, private landowners and others. Peer has completed Phase I Environmental Site assessments of all types of properties including undeveloped, agricultural, single family, multi-family, and commercial office, retail and industrial. Peer has conducted hydrogeologic investigations/studies, and soil/water quality assessments at hundreds of sites located in a vast array of geographical and environmental settings.

Peer has a highly integrated, multi-disciplinary staff of professionals. Peer has completed hundreds of Phase I Environmental Site Assessments of properties using scopes of work designed by HUD, Fannie Mae, Freddie Mac and numerous other lending entities. Our professional staff includes several licensed engineers and geologists, a hydrogeologist and chemist, a soil/materials scientist, a GIS/computer specialist, and sampling technicians who design, perform and directly oversee our projects. Our personnel are licensed as asbestos inspectors, asbestos management planners, lead paint inspectors and lead risk assessors. All technical personnel have completed OSHA 40 hour health and safety training with 8 hour annual refresher courses.



Peer's corporate office is located in Eden Prairie, Minnesota. We have 15 full-time employees. Thirteen are professionals with education, post-graduate training and experience directly related to the environmental field. Two employees are administrative support staff. Being relatively smaller in size, Peer is able to respond quickly to our client's site specific individual needs, yet still provide cost-effective "big picture" services. Our clients also receive direct attention/input from Peer's owners and principals, so there are no unforeseen surprises at the end of the project.

QUALIFICATIONS AND EXPERIENCE

■ SERVICES OVERVIEW

Property Transaction

- Phase I & Phase II Environmental Site Assessments
- Regulatory Assurance Letters
- Property Condition Assessments
- Appraisal Support
- Geotechnical Evaluation

Soil and/or Groundwater Sampling and Remediation

- Risk-Based Cleanup Design
- Cleanup Grant Preparation & Administration
- Petroleum Cleanup Reimbursement
- Regulatory Approvals & Assurance Letters
- Environmental Permits
- Remediation Plans & Specifications
- Remediation & Construction Management
- General Contracting
- Turnkey Remediation

Compliance

- RCRA Permitting & Closure
- Compliance Audits
- Waste Characterization & Disposal
- Petroleum & Chemical Storage Tank System Design
- NPDES Stormwater Permits & Pollution Prevention Plans
- Wastewater Discharge Permits
- Stormwater, Wastewater, & Groundwater Monitoring

Building Demolition & Decontamination

- Asbestos & Lead Paint Surveys
- Hazardous Materials Inventories (electrical equipment, refrigerants)
- Building Contaminant Assessment (PCBs, mercury, mold)
- Abatement Alternative Analysis
- Abatement Plans & Specifications
- Abatement Contractor Management
- Turnkey Abatement

RICHARD F. FINK

ENVIRONMENTAL PROFESSIONAL

EDUCATION

*Bachelor of Arts Degree, Environmental Science,
2004, Metropolitan State University, Minnesota.*

*Associates of Arts Degree, Biology, 1998, Hibbing
Community College, Minnesota*

REGISTRATION/CERTIFICATIONS

*OSHA 40-Hour Hazardous Waste Operations Training
(29 CFR 1910.120).*

*OSHA 8-Hour Hazards of Confined Space Entry (29 CFR
1910.146).*

Minnesota Department of Health Lead Risk Assessor

*Minnesota Department of Health Asbestos Building
Inspector.*

SUMMARY

Mr. Fink provides support for the lead professional for Peer Engineering, Inc.. His primary focus is on providing the highest quality in data acquisition. He has worked for Peer Engineering, Inc. for over seven years and has built up extensive knowledge of flow monitoring programs from his experiences in the field. Mr. Fink as performed industrial wastewater monitoring for over 50 different clients involving over 100 confined space entries and the use of Isco samplers, flow meters and Flowlink software. He has assisted with the equipment installations on our sanitary sewer flow monitoring projects for the past four years. He has sampled over 300 monitoring wells according to MPCA guidelines, using submersibles (12-volt/Redi-flo operated) and low flow bladder pumps.

SELECTED EXPERIENCE

Schmidt Brewery, Saint Paul, Minnesota. Mr. Fink assisted in the completion of a Hazardous Materials Inventory, Asbestos Sampling, and Lead Sampling to facilitate redevelopment of 5 historic buildings at the former Schmidt Brewery in Saint Paul, Minnesota.

The Wilds on the Mississippi River, Riverton, Minnesota. Mr. Fink assisted in the completion of a large scale soil modification creating outlot/green space areas to facilitate a property development at a historical manganese and iron ore mining extraction facility. Specific field activities included defining contamination boundaries through soil collection and analytical testing, overseeing earthwork and excavation events, GPS data point collection, and confirming adequate clean fill was being administered to the outlot/green space areas.

Sanitary Sewer Flow Monitoring – Minneapolis, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Minneapolis Inflow & Infiltration study in the area of the Irving Avenue Lift Station.

Sanitary Sewer Flow Monitoring – South St. Paul, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of South St. Paul Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Edina, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Edina Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Hugo, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Hugo Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Eagan, MN



Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Eagan Hydraulic Capacity study.

Sanitary Sewer Flow Monitoring – Monticello, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Monticello Hydraulic Capacity study.

Sanitary Sewer Flow Monitoring – Fusion Culinary Center, Lakeville, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of a water usage reduction program implemented by the facility.

Sanitary Sewer Flow Monitoring – Hormel Foods, Austin, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of a water usage confirmation program implemented by the facility.

Sanitary Sewer Flow Monitoring – Emerson/Rosemount Corporation, Eden Prairie, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition to challenge a Service Availability Charge (SAC) unit charge imposed by the Metropolitan Council of Environmental Services (MCES)

Diamond Lake Water Quality Study – Minneapolis, MN

Mr. Fink assisted with equipment installation/maintenance, and data acquisition in support of the Mn/DOT Diamond Lake Water Quality study and the Crosstown Reconstruction Project.

Silver Lake Water Quality Study – North St. Paul, MN

Mr. Fink assisted with equipment installation/maintenance, and data acquisition in support of the City of N. St. Paul TMDL Study.

Industrial Wastewater Monitoring

Mr. Fink performs MCES monitoring for fifty different industrial facilities each year. The monitoring involves confined space entries into sanitary sewers, weir construction and installation, flow meters installation/calibrations and programming automated samplers.

Sanitary Sewer Flow Monitoring – MN Zoo, Apple Valley, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the MN Zoo Inflow & Infiltration study.



Jenelle S. Buschner
Director, Env. Health Div.



**LEAD
Risk Assessor**

Licensed by:
State of Minnesota
Department of Health

License No. LR4126
Expires 09/30/2012

Richard F Fink
5325 Williston Rd
Minnetonka, MN 55345



Jenelle S. Buschner
Director, Env. Health Div.



**ASBESTOS
INSPECTOR**

Certified by:
State of Minnesota
Department of Health

Expires: 10/03/2012

Richard Frank Fink
5325 Williston Rd
Minnetonka, MN 55345

No. AI11812 / Issued: 10/11/2011

Certificate No: 5LM10251109IR

Expiration Date: October 25, 2012

This is to certify that
Matthew P. Erickson
has attended and successfully completed an
ASBESTOS INSPECTOR
REFRESHER TRAINING COURSE

permitted by
the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722
and meets the requirements of
Section 206 of Title II of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on October 25, 2011

Examination Date: October 25, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811

Paul D. McNeill
Training Instructor

Certificate No: 5LM11181107PbRAR

Issue Date: November 18, 2011

This diploma is awarded to

Matthew P. Erickson

4808 W 82nd St Bloomington MN 55437

for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

*This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by*

Lake States Environmental, Ltd.

in

White Bear Lake, MN on November 18, 2011

Examination Date: November 18, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Bob Kogalla - Training Course Manager

LEAD PAINT INSPECTION

Single-Family Residential Dwelling
1031 Fuller Avenue
Saint Paul, Minnesota

January 2012

Prepared for:

St. Croix Environmental

LEAD PAINT INSPECTION
SINGLE-FAMILY RESIDENTIAL DWELLING
1031 FULLER AVENUE
SAINT PAUL, MINNESOTA

JANUARY 24, 2012

Prepared for:

St. Croix Environmental
510 3RD Street
Hudson, WI 54016-1604

Prepared by:

Peer Engineering, Inc.
7615 Golden Triangle Drive, Suite N
Eden Prairie, Minnesota 55344
(952) 831-3341



Prepared by: Matthew P. Erickson
MDH Lead License # LR221

TABLE OF CONTENTS

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1.2	SCOPE OF SERVICES	1
2.0	SITE DESCRIPTION.....	1
3.0	INVESTIGATIVE PROCEDURES.....	2
4.0	INVESTIGATION RESULTS.....	3
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LIST OF ATTACHMENTS

Attachment

- 1 Lead-Based Paint Testing Data
- 2 Sample Location Sketch
- 3 Certificates

1.0 INTRODUCTION

1.1 PURPOSE

Peer Engineering, Inc. (Peer) was retained by St. Croix Environmental to conduct testing for lead-based paint at the property located at 1031 Fuller Avenue, Saint Paul, Minnesota (the property). The testing results are summarized herein.

1.2 SCOPE OF SERVICES

Peer was authorized by Mr. Kevin Miller of St. Croix Environmental to conduct lead-based paint inspection services at the property. In general, services were conducted in accordance with the HUD document “Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing – Chapter 7: Lead-Based Paint Inspection, 1997 Revision”.

2.0 SITE DESCRIPTION

The Single-Family Residential Dwelling is a one-story wood-frame structure with a full basement and a detached garage.

Painted, stained, or varnished interior architectural building components include wood porch (walls, floor, ceiling, window and door components), exterior siding, plaster walls and ceilings, interior and exterior wood doors and window components, wood baseboards, wood stair components, wainscoat paneling, and metal radiator covers.

3.0 INVESTIGATIVE PROCEDURES

Lead-based paint testing was conducted using a Niton Model XLp 703A XRF spectrum analyzer (XRF) {Radioisotope Cd 109 – Activity: 40mCi, dated March 15, 2011}, which measures lead concentrations in milligrams per square centimeter (mg/cm^2). Calibration checks of the XRF were frequently conducted and are recorded with the test data included in Attachment 1. XRF sample locations are indicated on the floor sketches included in Attachment 2. No paint chip sampling or laboratory analysis was preformed or required as part of this survey.

Factory applied finished metals and plastic veneers were not tested. Metal or vinyl replacement windows and doors were not tested.

Mr. Matthew Erickson conducted the on-site testing on January 17, 2012. A copy of Mr. Erickson's Minnesota Department of Health Lead certification is included as Attachment 3.

4.0 INVESTIGATION RESULTS

The following tables summarize the lead-based paint testing results (see **Attachment 1** for additional data regarding specific samples):

Tested Building Component	Number of Test Locations	Positive Results	Negative Results	LBP Classification
Plaster Walls and Ceilings	48	18	30	Positive
Wood Porch	2	2	0	Positive
Wood Siding (house and garage)	2	1	1	Positive
Wood Windows (Exterior and Interior)	9	7	2	Positive
Wood Doors (Exterior and Interior)	12	4	8	Positive
Wood Crown Molding	1	0	1	Negative
Wood Baseboards	5	1	4	Positive
Wood Beams	3	0	3	Negative
Cabinets	2	0	2	Negative
Metal Radiator Covers	4	0	4	Negative
Interior Wood Doors	8	0	8	Negative
Ceramic Tile	1	1	0	Positive
Exterior Foundation	1	0	1	Negative
Wainscoat Walls	2	1	1	Positive
Stair Runs and Riser	3	1	2	Positive

5.0 FINDINGS

Peer conducted this lead-based paint (LBP) inspection at the 1031 Fuller Avenue on January 17, 2012 using the protocol in Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision). The results of this LBP inspection identified the building components listed as “positive” in Section 4.0 as having lead concentrations of greater than or equal to 1.0 mg/cm² HUD criteria for LBP (see **Section 4.0**). The identified “painted” lead-containing components included all exterior wood siding, wood window components, all wood components of the front porch, and interior walls and ceilings. The surfaces on the painted components were observed to be in poor condition in many locations. LBP was not detected on any of the other exterior or interior components. It is noted that some painted surfaces may contain levels of lead below 1.0 mg/cm², which could create lead dust or lead-contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding. In addition, glazed ceramic tile was found to contain lead.

ATTACHMENT 1

LEAD-BASED PAINT TESTING DATA

Reading No	Time	Type	Duration	Units	Sequence	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
144	1/17/2012 15:06	SHUTTER_CAL	78.55	cps	Final						Positive	3.94		0	0.64	0	0
145	1/17/2012 15:09	PAINT	20.14	mg / cm ^2	Final	CAL					Positive	1		0.1	1	0.1	1.1
146	1/17/2012 15:09	PAINT	8.25	mg / cm ^2	Final	CAL					Positive	1.1		0.1	1.1	0.1	0.9
147	1/17/2012 15:10	PAINT	7.48	mg / cm ^2	Final	CAL					Positive	1.1		0.1	1.1	0.1	1.1
148	1/17/2012 15:11	PAINT	1.98	mg / cm ^2	Final	WALL	PLASTER	A	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	2.57
149	1/17/2012 15:11	PAINT	2.36	mg / cm ^2	Final	WALL	PLASTER	B	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	2.34
150	1/17/2012 15:12	PAINT	2.36	mg / cm ^2	Final	WALL	PLASTER	C	INTACT	WHITE	Negative	< LOD		0.06 < LOD		0.06 < LOD	2.43
151	1/17/2012 15:12	PAINT	6.29	mg / cm ^2	Final	WALL	PLASTER	D	INTACT	WHITE	Negative	< LOD		0.9 < LOD		0.12 < LOD	0.9
152	1/17/2012 15:13	PAINT	3.55	mg / cm ^2	Final	WALL	PLASTER	D	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	1.2
153	1/17/2012 15:14	PAINT	1.98	mg / cm ^2	Final	CEILING	PLASTER	CEILING	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	2.56
154	1/17/2012 15:15	PAINT	2.36	mg / cm ^2	Final	WINDOW JAMB	WOOD	A	POOR	WHITE	Positive	2.2		1.2	1	0.3	2.2
155	1/17/2012 15:16	PAINT	1.18	mg / cm ^2	Final	WINDOW SILL	WOOD	A	POOR	BROWN	Negative	< LOD		0.14 < LOD		0.14 < LOD	1.5
156	1/17/2012 15:17	PAINT	1.18	mg / cm ^2	Final	BASEBOARD	WOOD	A	POOR	BROWN	Negative	< LOD		0.14 < LOD		0.14 < LOD	2.53
157	1/17/2012 15:17	PAINT	1.18	mg / cm ^2	Final	FLOOR	WOOD	A	POOR	BROWN	Negative	< LOD		0.17 < LOD		0.17 < LOD	2.36
158	1/17/2012 15:19	PAINT	1.18	mg / cm ^2	Final	RADIATOR	METAL	C	INTACT	WHITE	Negative	< LOD		0.06 < LOD		0.06 < LOD	3.03
159	1/17/2012 15:20	PAINT	1.17	mg / cm ^2	Final	RADIATOR	METAL	D	POOR	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	3.04
160	1/17/2012 15:21	PAINT	3.55	mg / cm ^2	Final	WALL	PLASTER	A	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	1.2
161	1/17/2012 15:21	PAINT	15.71	mg / cm ^2	Final	WALL	PLASTER	B	INTACT	WHITE	Negative	0.6		0.3 < LOD		0.08	0.6
162	1/17/2012 15:22	PAINT	2.76	mg / cm ^2	Final	WALL	PLASTER	B	INTACT	WHITE	Negative	< LOD		0.03 < LOD		0.03 < LOD	2.16
163	1/17/2012 15:22	PAINT	3.13	mg / cm ^2	Final	WALL	PLASTER	C	INTACT	WHITE	Negative	< LOD		0.09 < LOD		0.09 < LOD	1.95
164	1/17/2012 15:22	PAINT	3.53	mg / cm ^2	Final	WALL	PLASTER	D	INTACT	WHITE	Negative	< LOD		0.08 < LOD		0.08 < LOD	1.2
165	1/17/2012 15:23	PAINT	1.18	mg / cm ^2	Final	WINDOW WELL	WOOD	A	INTACT	WHITE	Positive	4.9		3.1 < LOD		2.25	4.9
166	1/17/2012 15:24	PAINT	1.18	mg / cm ^2	Final	WINDOW SILL	WOOD	A	INTACT	BROWN	Negative	< LOD		0.19 < LOD		0.19 < LOD	1.35
167	1/17/2012 15:25	PAINT	1.18	mg / cm ^2	Final	BASEBOARD	WOOD	B	INTACT	BROWN	Negative	< LOD		0.1 < LOD		0.1 < LOD	2.1
168	1/17/2012 15:26	PAINT	1.95	mg / cm ^2	Final	CEILING	PLASTER	CEILING	INTACT	WHITE	Null	< LOD		0.05 < LOD		0.05 < LOD	2.4
169	1/17/2012 15:26	PAINT	1.58	mg / cm ^2	Final	CEILING	PLASTER	CEILING	INTACT	WHITE	Negative	< LOD		0.07 < LOD		0.07 < LOD	2.64
170	1/17/2012 15:27	PAINT	1.19	mg / cm ^2	Final	CEILING	PLASTER	CEILING	POOR	WHITE	Positive	< LOD		4.65 < LOD		2.1 < LOD	4.65
171	1/17/2012 15:28	PAINT	9.06	mg / cm ^2	Final	WALL	PLASTER	A	POOR	WHITE	Null	< LOD		0.2 < LOD		0.2	0.8
172	1/17/2012 15:28	PAINT	7.91	mg / cm ^2	Final	WALL	PLASTER	A	POOR	WHITE	Null	1		0.5 < LOD		0.24	1
173	1/17/2012 15:29	PAINT	15.76	mg / cm ^2	Final	WALL	PLASTER	A	POOR	WHITE	Null	0.23		0.11	0.23	0.11	0.7
174	1/17/2012 15:29	PAINT	0.79	mg / cm ^2	Final	WALL	PLASTER	A	POOR	WHITE	Null	< LOD		1.15 < LOD		1.15 < LOD	5.29
175	1/17/2012 15:29	PAINT	14.57	mg / cm ^2	Final	WALL	PLASTER	A	POOR	WHITE	Negative	< LOD		0.4	0.26	0.13 < LOD	0.4
176	1/17/2012 15:30	PAINT	1.18	mg / cm ^2	Final	WALL	PLASTER	C	POOR	WHITE	Positive	< LOD		5.1 < LOD		1.65 < LOD	5.1
177	1/17/2012 15:32	PAINT	59.3	mg / cm ^2	Final	WALL	PLASTER	D	POOR	WHITE	Negative	0.9		0.2	0.22	0.06	0.9
178	1/17/2012 15:33	PAINT	3.54	mg / cm ^2	Final	WALL	TILE	B	INTACT	WHITE	Positive	2.2		0.9 < LOD		0.18	2.2
179	1/17/2012 15:34	PAINT	48.39	mg / cm ^2	Final	WINDOW SILL	WOOD	B	POOR	WHITE	Negative	0.4		0.1	0.4	0.1	1
180	1/17/2012 15:35	PAINT	2.75	mg / cm ^2	Final	DOOR	WOOD	D	POOR	WHITE	Negative	< LOD		0.52 < LOD		0.52 < LOD	1.65
181	1/17/2012 15:36	PAINT	3.53	mg / cm ^2	Final	DOOR	WOOD	D	POOR	WHITE	Negative	< LOD		0.18 < LOD		0.18 < LOD	1.05
182	1/17/2012 15:37	PAINT	4.74	mg / cm ^2	Final	CABINET	WOOD	C	POOR	WHITE	Negative	< LOD		0.75 < LOD		0.33 < LOD	0.75
183	1/17/2012 15:40	PAINT	59.33	mg / cm ^2	Final	WALL	PLASTER	A	POOR	TAN	Negative	0.9		0.2	0.12	0.04	0.9
184	1/17/2012 15:42	PAINT	15.8	mg / cm ^2	Final	WALL	PLASTER	B	POOR	TAN	Negative	< LOD		0.4	0.15	0.09 < LOD	0.4
185	1/17/2012 15:43	PAINT	8.25	mg / cm ^2	Final	WALL	PLASTER	C	POOR	TAN	Negative	< LOD		0.11 < LOD		0.11	0.9
186	1/17/2012 15:43	PAINT	9.46	mg / cm ^2	Final	WALL	PLASTER	D	POOR	TAN	Negative	< LOD		0.75 < LOD		0.13 < LOD	0.75
187	1/17/2012 15:44	PAINT	1.96	mg / cm ^2	Final	WINDOW SILL	WOOD	C	POOR	WHITE	Negative	< LOD		0.47 < LOD		0.47 < LOD	1.8
188	1/17/2012 15:44	PAINT	1.97	mg / cm ^2	Final	WINDOW SILL	WOOD	C	POOR	WHITE	Negative	< LOD		0.22 < LOD		0.22 < LOD	1.65
189	1/17/2012 15:45	PAINT	1.18	mg / cm ^2	Final	WINDOW SILL	WOOD	C	POOR	WHITE	Negative	< LOD		0.24 < LOD		0.24 < LOD	1.9

190	1/17/2012 15:46	PAIN	1.19 mg / cm ^2	Final	RADIATOR	METAL	D	POOR	WHITE	Negative	< LOD	0.03 < LOD	2.2
191	1/17/2012 15:47	PAINT	3.55 mg / cm ^2	Final	BASEBOARD	WOOD	D	POOR	WHITE	Negative	< LOD	0.19 < LOD	0.9
192	1/17/2012 15:47	PAINT	1.18 mg / cm ^2	Final	FLOOR	WOOD	D	POOR	BROWN	Negative	< LOD	0.21 < LOD	2.1
193	1/17/2012 15:47	PAINT	1.18 mg / cm ^2	Final	FLOOR	WOOD	D	POOR	BROWN	Negative	< LOD	0.6 < LOD	2.38
194	1/17/2012 15:48	PAINT	1.18 mg / cm ^2	Final	DOOR	WOOD	A	POOR	WHITE	Negative	< LOD	0.31 < LOD	2.11
195	1/17/2012 15:48	PAINT	1.18 mg / cm ^2	Final	DOOR	WOOD	A	POOR	WHITE	Negative	< LOD	0.4 < LOD	2.25
196	1/17/2012 15:50	PAINT	3.55 mg / cm ^2	Final	NE BED WALL	PLASTER	A	POOR	BROWN	Negative	< LOD	0.19 < LOD	1.2
197	1/17/2012 15:50	PAINT	3.53 mg / cm ^2	Final	NE BED WALL	PLASTER	B	POOR	BROWN	Negative	< LOD	0.18 < LOD	1.2
198	1/17/2012 15:50	PAINT	2.38 mg / cm ^2	Final	NE BED WALL	PLASTER	C	POOR	BROWN	Negative	< LOD	0.39 < LOD	2.17
199	1/17/2012 15:51	PAINT	4.34 mg / cm ^2	Final	NE BED WALL	PLASTER	D	POOR	BROWN	Negative	< LOD	0.14 < LOD	1.05
200	1/17/2012 15:51	PAINT	3.53 mg / cm ^2	Final	CEILING	PLASTER	CEILING	POOR	BROWN	Negative	< LOD	1.12 < LOD	1.12
201	1/17/2012 15:52	PAINT	2.75 mg / cm ^2	Final	CROWN MOLDING	WOOD	CEILING	INTACT	WHITE	Negative	< LOD	0.23 < LOD	1.2
202	1/17/2012 15:53	PAINT	2.36 mg / cm ^2	Final	BASEBOARD	WOOD	C	INTACT	WHITE	Negative	< LOD	0.38 < LOD	1.65
203	1/17/2012 15:53	PAINT	1.98 mg / cm ^2	Final	DOOR	WOOD	C	INTACT	WHITE	Negative	< LOD	0.27 < LOD	1.65
204	1/17/2012 15:54	PAINT	1.18 mg / cm ^2	Final	RADIATOR	METAL	C	INTACT	WHITE	Negative	< LOD	0.2 < LOD	3.22
205	1/17/2012 15:55	PAINT	2.35 mg / cm ^2	Final	CLOSEET WALL	PLASTER	C	INTACT	pink	Negative	< LOD	0.15 < LOD	2.13
206	1/17/2012 15:56	PAINT	3.14 mg / cm ^2	Final	CLOSEET WALL	PLASTER	A	INTACT	pink	Negative	< LOD	0.03 < LOD	1.95
207	1/17/2012 15:56	PAINT	1.95 mg / cm ^2	Final	CLOSEET WALL	PLASTER	B	INTACT	pink	Negative	< LOD	0.13 < LOD	2.33
208	1/17/2012 15:57	PAINT	1.97 mg / cm ^2	Final	CLOSEET WALL	WOOD	D	INTACT	pink	Negative	< LOD	0.13 < LOD	1.45
209	1/17/2012 15:58	PAINT	1.57 mg / cm ^2	Final	KIT WALL	PLASTER	A	POOR	WHITE	Positive	< LOD	4.05 < LOD	4.05
210	1/17/2012 15:59	PAINT	1.18 mg / cm ^2	Final	KIT WALL	PLASTER	B	POOR	WHITE	Positive	< LOD	4.8 < LOD	4.8
211	1/17/2012 15:59	PAINT	2.35 mg / cm ^2	Final	KIT WALL	PLASTER	C	POOR	WHITE	Negative	< LOD	0.03 < LOD	2.29
212	1/17/2012 16:00	PAINT	6.68 mg / cm ^2	Final	KIT WALL	PLASTER	C	POOR	WHITE	Negative	0.5	0.2	1.1
213	1/17/2012 16:00	PAINT	1.97 mg / cm ^2	Final	KIT WALL	PLASTER	D	POOR	WHITE	Positive	3.8	2.4 < LOD	2.4
214	1/17/2012 16:01	PAINT	1.18 mg / cm ^2	Final	CABINET	WOOD	C	POOR	WHITE	Negative	< LOD	0.27 < LOD	1.69
215	1/17/2012 16:02	PAINT	1.18 mg / cm ^2	Final	CEILING	PLASTER	CEILING	POOR	WHITE	Positive	< LOD	4.5 < LOD	4.5
216	1/17/2012 16:04	PAINT	42.53 mg / cm ^2	Final	DOOR	WOOD	C	POOR	WHITE	Negative	0.7	0.1	1
217	1/17/2012 16:05	PAINT	3.52 mg / cm ^2	Final	WINDOW SILL	WOOD	D	POOR	WHITE	Negative	0.24	0.11	0.24
218	1/17/2012 16:06	PAINT	1.18 mg / cm ^2	Final	WINDOW SILL	WOOD	D	POOR	WHITE	Positive	1.7	0.7	1.7
219	1/17/2012 16:08	PAINT	1.18 mg / cm ^2	Final	CEN HALL WALL	PLASTER	B	POOR	WHITE	Positive	5.2	3.4 < LOD	3.4
220	1/17/2012 16:08	PAINT	1.18 mg / cm ^2	Final	CEN HALL WALL	PLASTER	C	POOR	WHITE	Positive	5.6	3.6 < LOD	3.6
221	1/17/2012 16:08	PAINT	1.58 mg / cm ^2	Final	CEN HALL WALL	PLASTER	D	POOR	WHITE	Positive	< LOD	4.35 < LOD	4.35
222	1/17/2012 16:09	PAINT	1.18 mg / cm ^2	Final	CEILING	PLASTER	CEILING	POOR	WHITE	Positive	< LOD	5.25 < LOD	5.25
223	1/17/2012 16:10	PAINT	1.18 mg / cm ^2	Final	DOOR	WOOD	C	POOR	WHITE	Negative	< LOD	0.08 < LOD	1.63
224	1/17/2012 16:11	PAINT	1.58 mg / cm ^2	Final	SIDE ENT WALL	PLASTER	B	POOR	WHITE	Null	< LOD	1.2 < LOD	3.6
225	1/17/2012 16:11	PAINT	3.54 mg / cm ^2	Final	SIDE ENT WALL	PLASTER	C	POOR	WHITE	Positive	2.3	1 < LOD	1
226	1/17/2012 16:12	PAINT	2.75 mg / cm ^2	Final	SIDE ENT WALL	PLASTER	D	POOR	GREEN	Positive	2.8	1.8 < LOD	1.8
227	1/17/2012 16:12	PAINT	2.75 mg / cm ^2	Final	SIDE ENT WALL	PLASTER	B	POOR	GREEN	Positive	2.8	1.8	1
228	1/17/2012 16:14	PAINT	3.91 mg / cm ^2	Final	STAIR STRINGER	WOOD	A	POOR	GRAY	Positive	1.3	0.3	1.3
229	1/17/2012 16:14	PAINT	1.18 mg / cm ^2	Final	STAIR TREAD	WOOD	A	POOR	GRAY	Negative	< LOD	0.28 < LOD	1.8
230	1/17/2012 16:14	PAINT	5.51 mg / cm ^2	Final	STAIR TREAD	WOOD	A	POOR	GRAY	Negative	0.8	0.2	0.8
231	1/17/2012 16:15	PAINT	1.97 mg / cm ^2	Final	WAINSCOAT	WOOD	A	POOR	WHITE	Negative	0.5	0.3	0.5
232	1/17/2012 16:16	PAINT	5.13 mg / cm ^2	Final	WAINSCOAT	WOOD	A	POOR	WHITE	Positive	1.6	0.5	1
233	1/17/2012 16:16	PAINT	3.56 mg / cm ^2	Final	BASEBOARD	WOOD	C	POOR	WHITE	Positive	1.7	0.7	1.1
234	1/17/2012 16:17	PAINT	4.73 mg / cm ^2	Final	BSMNT BEAM	WOOD	C	POOR	GRAY	Null	1	0.2	1
235	1/17/2012 16:18	PAINT	2.34 mg / cm ^2	Final	BSMNT BEAM	WOOD	C	POOR	GRAY	Negative	0.6	0.3	0.6
236	1/17/2012 16:19	PAINT	1.18 mg / cm ^2	Final	BSMNT BEAM	WOOD	C	POOR	WHITE	Negative	< LOD	0.09 < LOD	2.25

237	1/17/2012 16:20	PAINT	3.53 mg / cm ^2	Final	EXT FOUN	CONCRETE	D	INTACT	GREEN	Negative	< LOD	0.04 < LOD	0.04 < LOD	1.35
238	1/17/2012 16:21	PAINT	1.17 mg / cm ^2	Final	SIDING GAR	WOOD	A	INTACT	YELLOW	Negative	< LOD	0.3 < LOD	0.3 < LOD	1.95
239	1/17/2012 16:22	PAINT	1.56 mg / cm ^2	Final	DOOR	WOOD	B	POOR	BLUE	Negative	< LOD	0.75 < LOD	0.75 < LOD	1.95
240	1/17/2012 16:23	PAINT	1.58 mg / cm ^2	Final	WINDOW SILL	WOOD	A	POOR	BLUE	Negative	0.7	0.3	0.3 < LOD	2.1
241	1/17/2012 16:25	PAINT	0.79 mg / cm ^2	Final	BSMNT WIN SILL	WOOD	D	POOR	WHITE	Positive	< LOD	9.6	4.1 < LOD	9.6
242	1/17/2012 16:26	PAINT	0.79 mg / cm ^2	Final	FRNT PORCH WIN SILL	WOOD	D	POOR	WHITE	Positive	< LOD	4.95 < LOD	4.95 < LOD	9.6
243	1/17/2012 16:27	PAINT	0.78 mg / cm ^2	Final	FRNT PORCH SDING	WOOD	D	POOR	WHITE	Positive	< LOD	10.5	1.7 < LOD	10.5
244	1/17/2012 16:29	PAINT	1.18 mg / cm ^2	Final	FRNT PORCH FLOOR	WOOD	A	POOR	GRAY	Positive	3.5	1.5	1.5	3.4
245	1/17/2012 16:30	PAINT	7.86 mg / cm ^2	Final	CAL					Positive	1.1	0.1	0.1	0.5
246	1/17/2012 16:31	PAINT	10.26 mg / cm ^2	Final	CAL					Positive	1.1	0.1	0.1	0.4
247	1/17/2012 16:31	PAINT	4.73 mg / cm ^2	Final	CAL					Positive	1.2	0.1	0.1 < LOD	0.9

ATTACHMENT 2

SAMPLE LOCATION SKETCHES



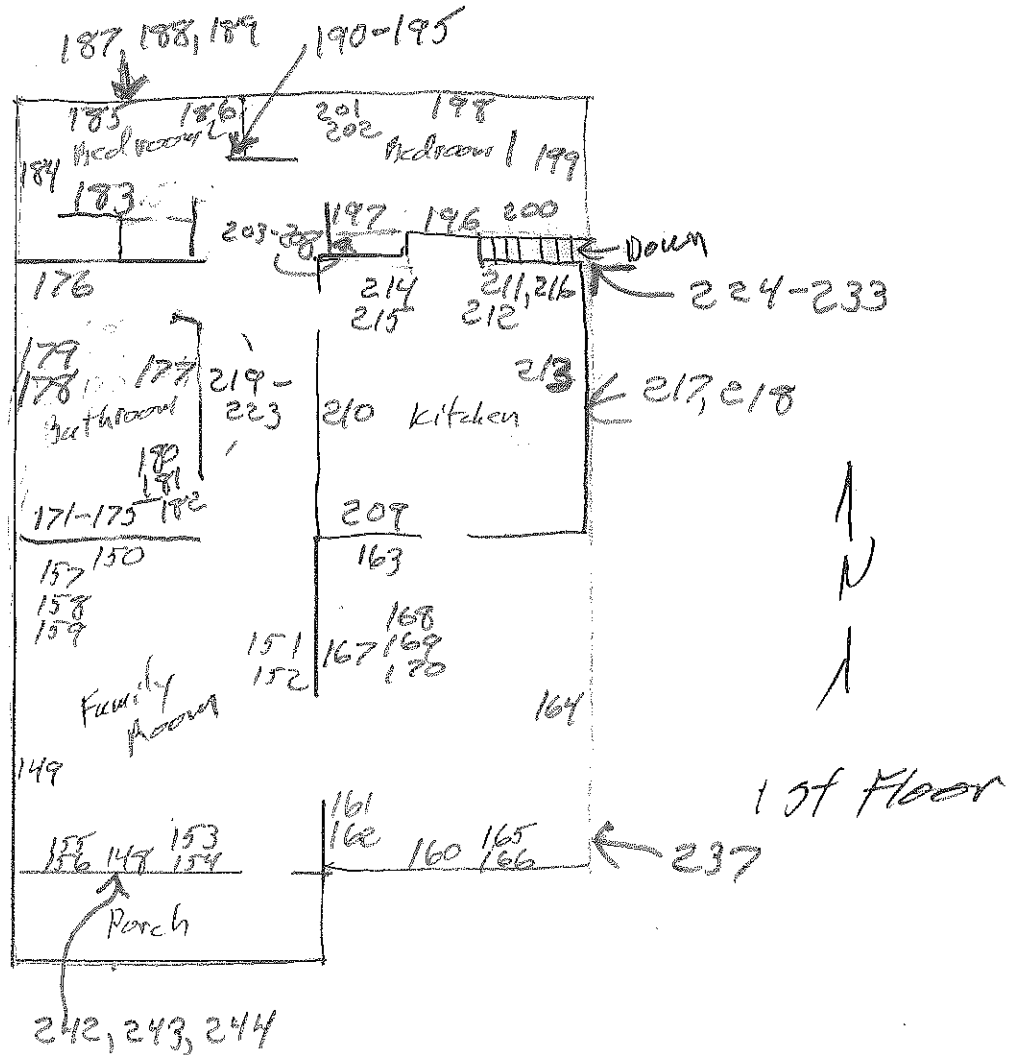
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 1031 Fuller

By _____ Date 1-17-12

Lead
Sample
Location



Fuller



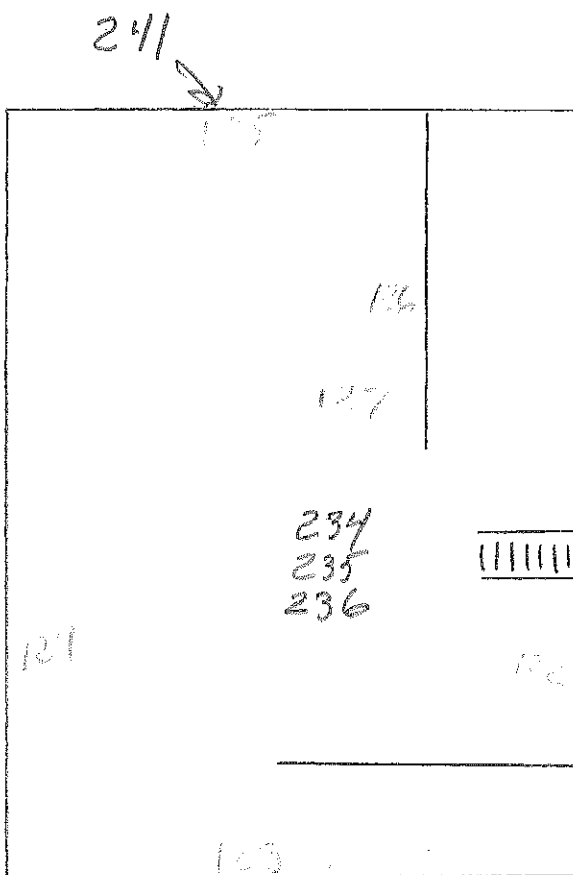
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 1031 Fuller

By _____ Date 1-17-12

Lead
Sample
Locations



Fuller



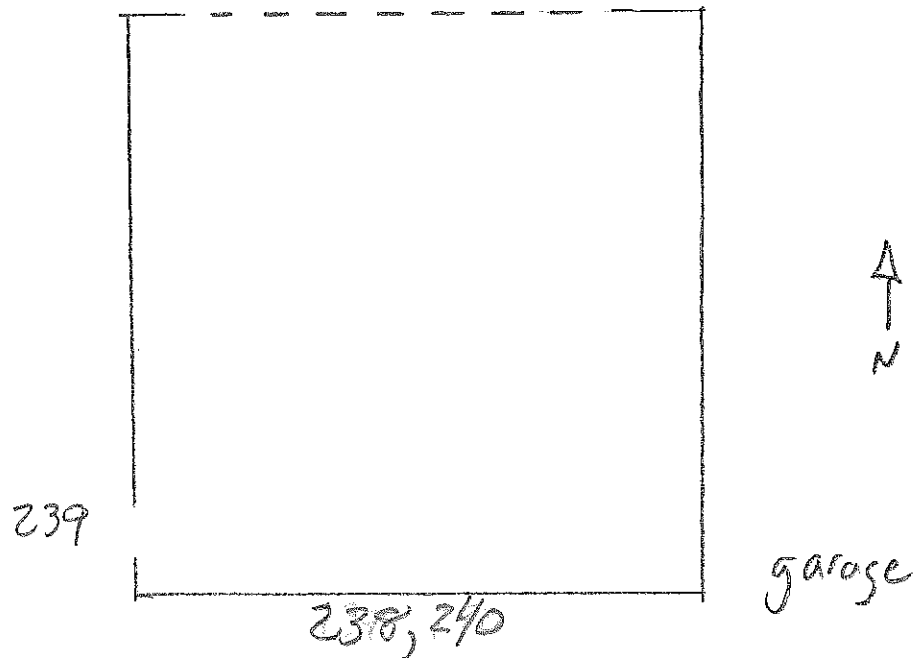
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 1031 Fuller

By _____ Date 1-17-12

Lead
Sample
Locations



Fuller

ATTACHMENT 3

CERIFICATE

Issue Date: November 18, 2011

Certificate No: 5LM11181107PbRAR

This diploma is awarded to
Matthew P. Erickson
4808 W 82nd St Bloomington MN 55437
for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

in
White Bear Lake, MN on November 18, 2011
Examination Date: November 18, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Bob Rogalla - Training Course Manager

Materials Pre-Purchased for: 1031 Fuller Avenue

1. Menards garage kit

Includes: framing and roof trusses, sheathing, service door and small window (see attached invoice for details)

2. All, Inc. Appliances

Refrigerator: FFHT2126LS/K Energy Star Rated 21 cu ft top mount refrigerator, stainless steel, with icemaker

Range: FFGF3053LS Frigidaire 30" Free-Standing Gas Range, Self Clean, Clock

Microwave/Hood: FFMV162LS Over the Range Micro/Hood, to be vented to exterior

Dishwasher: FGHD2433KF Energy STAR 24" Built-In Dishwasher, including dishwasher cord

Washer: FAFW3801LW Energy STAR Residential Front Load Washer

Dryer: FAQG7001LW Residential Gas Dryer

3. Lampert Roofing

Includes: GAF Elk Timberline 30 year HD shingles, Timbertex, Ice & Water shield and 15 lb felt

Shingle Color: Weathered Wood

Shingle Location: House and New Garage

4. Lampert Siding

Includes: Pre-primed Hardie Siding and Tyvek Housewrap

Siding Location: House and New Garage

Delivery of all materials to the job site is included in pre-purchase. Contractor is responsible for contacting specified vendor to arrange for and take delivery. See attached invoices for specifics and vendor contact information.

Delivery Agreement - Guest Copy

Delivery Agreement # 4466835

Page 1 of 1

CASHIER- Press 'Recall Trans' before scanning each of the barcodes below.
You must scan ALL of the barcodes on this page. If there are additional pages
of barcodes attached to this Delivery Agreement, each barcode on those sheets
must be scanned as well



78249

PICKING LISTS TO BE DELIVERED

78199
30118966

TOTAL:

DELIVERY SERVICE

For Delivery Services Inquiries Please Contact:

Jim Thuman's Trucking
Jim Thuman
724 Madison St. NE
Minneapolis, MN 55413
Business Phone: (651) 246-3452
Cell Phone: (651) 246-3452
Email: jtdj6258@msn.com
Insured through:
Hatch Agency, Inc
6121 Baker Rd Suite 102
Minnetonka, MN 55345
Agent: Mike Hatch
(952) 933-8080
mhatch@hatchagency.com

DELIVERY PLACEMENT AND SPECIAL INSTRUCTIONS

DELIVERY CHARGES

garage package Quantity: 1 Placement: Driveway Comments:

Mileage Charge Zone A Trip 1 Delivery Date: PENDING Delivery Time: PENDING

Included

TOTAL DELIVERY CHARGES



PICKING LIST - GUEST COPY

STORE # 3181 SPMW
2005 W. University Ave.
St. Paul, MN 55104

PHONE: (651) 645-1295
FAX: (651) 645-9809

CASHIER - PRESS RECALL TRANS
AND SCAN BARCODE ==>

SPMW 78199



CASHIER:

PLEASE STAPLE
RECEIPT HERE.

PAGE 1 OF 2

SOLD BY: PETER V.
DATE: 01/30/12

GUEST NAME - ADDRESS - PHONE

City of St Paul
1031 Fuller
Saint Paul, MN 55104

Ph: (651) 266-6581

QUANTITY	DESCRIPTION	SKU NUMBER	UNIT PRICE	EXTENDED PRICE
82 EACH	2X4X92 5/8" SPF CONSTR STUD	102-1091		
8 EACH	2X4X10' STUD/#2+BTR SPF CONST LUMBER	102-1114		
12 EACH	2X4X12' #2+BTR SPF CONST LUMBER	102-1127		
4 EACH	2X4X14' #2+BTR SPF CONST LUMBER	102-1130		
8 EACH	2X4X16' #2+BTR SPF CONST LUMBER	102-1143		
2 EACH	2X6X8' STUD/#2+BTR SPF CONSTR LUMBER	102-1758		
8 EACH	2X6X14' #2+BTR SPF CONSTR LUMBER	102-1787		
2 EACH	2X12X18' #2&BTR FIR CONST LUMBER	102-2197		
1 EACH	2X4-6' AC2 TREATED AG ARSENIC FREE LW	111-0805		
3 EACH	2X4-10' AC2 TREATED AG ARSENIC FREE LW	111-0821		
3 EACH	2X4-12' AC2 TREATED AG ARSENIC FREE LW	111-0834		
1 EACH	1/2" (15/32) -4'X8' CDX 3-PLY 3-BLK STR	123-1085		
23 EACH	7/16" (14/32) -4'X8' OSB 3-WHITE STRIPES	124-2728		
23 EACH	1/2" (16/32) -4'X8' OSB 2WHT 1BLK STRPE	124-2809		
2 EACH	3 1/2" X 50' SILL SEALER FOAM	161-1602		

**TO AVOID PRODUCT NOT BEING AVAILABLE ON A LATER DATE
PLEASE PICK UP ALL MERCHANDISE TODAY. THANK YOU.**

This is a quote valid today. Upon payment this quote becomes a yard picking list subject to the terms and conditions below. Quantities listed above may exceed quantities available for immediate pick-up. Product is not held for a specific guest, but instead is available to the buying public on a first come, first serve basis. Please pickup all purchases made on this picking list immediately. Failure to pick up products on this picking list today will result in additional charge to you if, on the day of pick up, the retail price of the products are higher than on the day purchased. Menards liability to you is limited to refunding your original purchase price for any product not picked up.

Guest Instructions:

1. Take this picking list to a cashier to pay for the merchandise.
2. Enter the outside yard to pick up your merchandise. (All vehicles are subject to inspection.)
3. Load your merchandise. (Menards Team Members will gladly help you load your materials but cannot be held liable for damage to your vehicle.)
4. When exiting the yard, present this list to the Gate Guard. (The Gate Guard will record the items you are taking with you.)
5. Sign the Gate Guard's signature pad verifying you've received the merchandise.

PRE-TAX TOTAL: (CONTINUED)

Our insurance does not allow us to tie down or secure your load, trunk lid, etc. For your convenience, we supply twine, but you will have to decide whether or not your load is secure and if the twine supplied is strong enough. If you do not believe the twine will suffice, stronger material can be purchased inside the store.

READ THE TERMS AND CONDITIONS CAREFULLY. All returns are subject to Menards' posted return policy. In consideration for Menards low prices you agree that if any merchandise purchased by you is defective, Menards will agree to exchange the merchandise or refund the purchase price based on the form of original payment. You agree that there shall be no other remedy available to you. If there is a warranty provided by the manufacturer, that warranty shall govern your rights and Menards shall be selling the product "AS IS." Oral statements do not constitute warranties, and are not a part of this contract. The guest agrees to inspect all merchandise prior to installing or using it. **UNDER NO CIRCUMSTANCES SHALL MENARDS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.** **MENARDS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE MERCHANDISE.** Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered by the American Arbitration Association under its applicable Consumer or Commercial Arbitration Rules, and judgments on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The guest agrees to these terms and conditions through purchase of merchandise contained on this document.

THIS IS NOT A RECEIPT

GATE GUARD - SCAN HERE ==>





PICKING LIST - GUEST COPY

STORE # 3181 SPMW
2005 W. University Ave.
St. Paul, MN 55104

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AND SCAN BARCODE ==>

SPMW 78199



CASHIER:

PLEASE STAPLE
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PAGE 2 OF 2

SOLD BY: PETER V.
DATE: 01/30/12

GUEST NAME - ADDRESS - PHONE

City of St Paul
1031 Fuller
Saint Paul, MN 55104

Ph: (651) 266-6581

QUANTITY	DESCRIPTION	SKU NUMBER	UNIT PRICE	EXTENDED PRICE
1 EACH	BB ENTRY GEORGIAN KNOB	F51VGE0505	221-3918	
4 EACH	1/2"PLYWD CLIP STEEL 25/BPC12-BMC 10BGS/	227-1303		
20 EACH	RAFTER TIE	RT15-TZ	227-1647	
1 EACH	36X24 VINYL SLIDER	CLEAR GLASS	403-0633	
1 EACH	CM1 6-PANEL STEEL DOOR PH36X80 LH SB	414-1554		
1 EACH	PINE TAPERED SHIMS 12 CT 3/8X1-1/4X8''	433-4222		

TO AVOID PRODUCT NOT BEING AVAILABLE ON A LATER DATE PLEASE PICK UP ALL MERCHANDISE TODAY. THANK YOU.

This is a quote valid today. Upon payment this quote becomes a yard picking list subject to the terms and conditions below. Quantities listed above may exceed quantities available for immediate pick-up. Product is not held for a specific guest, but instead is available to the buying public on a first come, first serve basis. Please pickup all purchases made on this picking list immediately. Failure to pick up products on this picking list today will result in additional charge to you if, on the day of pick up, the retail price of the products are higher than on the day purchased. Menards liability to you is limited to refunding your original purchase price for any product not picked up.

Guest Instructions:

1. Take this picking list to a cashier to pay for the merchandise.
2. Enter the outside yard to pick up your merchandise. (All vehicles are subject to inspection.)
3. Load your merchandise. (Menards Team Members will gladly help you load your materials but cannot be held liable for damage to your vehicle.)
4. When exiting the yard, present this list to the Gate Guard. (The Gate Guard will record the items you are taking with you.)
5. Sign the Gate Guard's signature pad verifying you've received the merchandise.

PR

Our insurance does not allow us to tie down or secure your load, trunk lid, etc. For your convenience, we supply twine, but you will have to decide whether or not your load is secure and if the twine supplied is strong enough. If you do not believe the twine will suffice, stronger material can be purchased inside the store.

READ THE TERMS AND CONDITIONS CAREFULLY. All returns are subject to Menards' posted return policy. In consideration for Menards low prices you agree that if any merchandise purchased by you is defective, Menards will agree to exchange the merchandise or refund the purchase price based on the form of original payment. You agree that there shall be no other remedy available to you. If there is a warranty provided by the manufacturer, that warranty shall govern your rights and Menards shall be selling the product "AS IS." Oral statements do not constitute warranties, and are not a part of this contract. The guest agrees to inspect all merchandise prior to installing or using it. **UNDER NO CIRCUMSTANCES SHALL MENARDS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. MENARDS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE MERCHANDISE.** Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered by the American Arbitration Association under its applicable Consumer or Commercial Arbitration Rules, and judgments on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The guest agrees to these terms and conditions through purchase of merchandise contained on this document.

THIS IS NOT A RECEIPT

GATE GUARD - SCAN HERE ==>





CASHIER:

PLEASE

STAPLE

RECEIPT

HERE.

SPECIAL ORDER CONTRACT
GUEST COPY

STORE # 3181 SPMW PHONE: (651) 645-1295
2005 W. University Ave. FAX: (651) 645-9809
St. Paul, MN 55104

THANK YOU!

ESTIMATED ARRIVAL DATE
NOT BINDING ON MENARD, INC.
BASED ON PROMISES BY OTHERS 02/09/12

SOLD BY	ORDER DATE
JON H.	01/30/12

GUEST NAME - ADDRESS - PHONE

City of St Paul
1031 Fuller
Saint Paul, MN 55104
Ph: (651) 266-6581

QTY ORDERED	DESCRIPTION	SKU	UNIT PRICE	EXTENDED PRICE
10 EACH	22'STD 4/12 2'OC 2'OH	62#	187-1267	
2 EACH	22' STUDDEND END FRAME	4/12 PITCH	187-1283	

This is a quote valid today. This quote becomes an order upon payment and a valid Menards receipt for this order is attached.

READ THIS CONTRACT CAREFULLY. The terms and conditions set forth in this document are a complete and final expression of the parties. Any and all claims under this special order contract must be brought within one year of the purchase of said merchandise. Special order merchandise may be refunded at Menards sole discretion with a 25% restocking fee. The purchaser is responsible for all measurements, sizes, and colors as stated above. The purchaser's exclusive remedy if the merchandise is defective or fails to conform to the terms of the contract is replacement of the merchandise. All defects and non-conformities must be reported to Menards within 3 days upon receipt of the merchandise. If there is a specific written warranty from the manufacturer the purchaser understands that this merchandise is sold on an "AS IS," basis and the manufacturer's warranty shall govern my rights. MENARDS MAKES NO WARRANTIES, EXPRESS OR IMPLIED AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE MERCHANDISE. If the exclusive remedy fails its essential purpose, Menards liability shall not exceed the purchase price of the merchandise. MENARDS SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. In the event that the purchaser refuses to and or fails to pick up the merchandise within 30 days after receiving notification of its availability, Menards may liquidate the merchandise and shall be entitled to 25% the purchase price as liquidated damages. Menards may withhold any payment received as partial satisfaction for its damages. If the vendor, which supplies the merchandise on this contract fails to perform, the purchaser agrees that Menards shall not be liable. Because of wide variations in codes, there are no representations that the materials listed herein meet your code requirements. The Purchaser agrees that any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by binding arbitration administered by the American Arbitration Association under its applicable Consumer or Commercial Arbitration Rules. A judgment on an award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

YOUR PURCHASE OF THE MERCHANDISE ON THIS CONTRACT CONSTITUTES TERMS AND CONDITIONS LISTED IN THE CONTRACT.

SUB-TOTAL:

SHIPPING:

PRE-TAX TOTAL:

VENDOR: **MIDWEST MANUFACTURING**

For the most accurate and up-to-date status
of your order, please visit:

www.menards.com

If this is a partial pickup, please verify all
quantities/items being signed for. Menards is
not responsible for shortages after leaving the
yard.



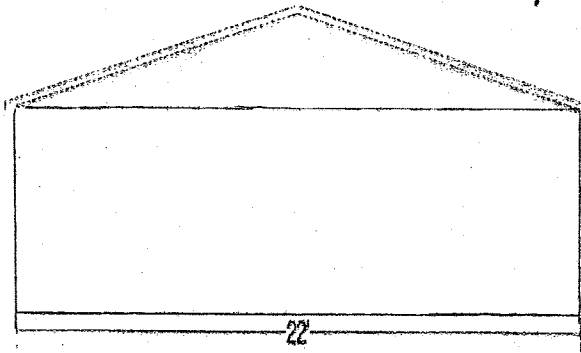
Design # 74105



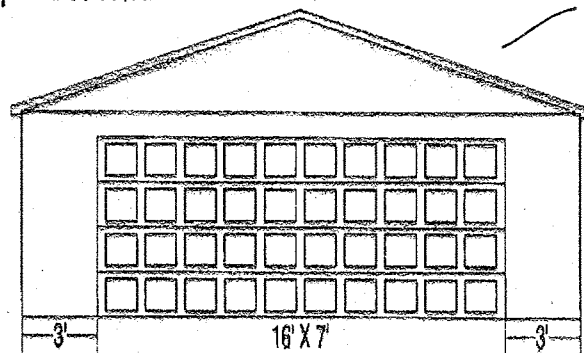
Page 2 of 2
1/5/2012

*** Here are the wall configurations for your design.

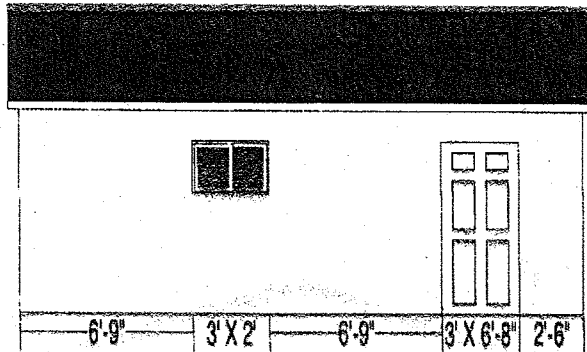
Illustration May Not Depict All Options Selected



Gable Front View

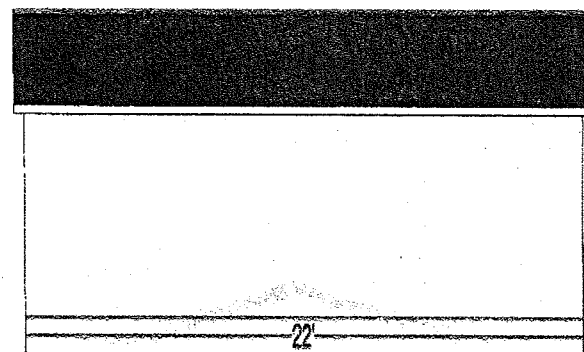


(1) - 16X7 WHITE NONINSL RAISEDPNL EXTSP M5ST



Eave Front View

(1) - 36X24 SELECT 100 SLID IGPC2SG3020
(1) - CM1 6-PANEL STEEL DOOR PH36X80 RH SB



Eave Back View

Building Size: 22 feet wide X 22 feet long X 8 feet high

Approximate Peak Height: 12 feet 0 inches (144 inches)

Menards provided material estimates are intended as a general construction aid and have been calculated using typical construction methods. Because of the wide variable in codes and site restrictions, all final plans and material lists must be verified with your local zoning office, architect and/or builder for building design and code compliance. Menards is a supplier of construction materials and does not assume liability for design, engineering or the completeness of any material lists provided. Underground electrical, phone and gas lines should be located and marked before your building plans are finalized. Remember to use safety equipment including dust masks and sight and hearing protection during construction to ensure a positive building experience.



** ACKNOWLEDGEMENT **

Order #: S1276773
P/O # : 1031 FULLER AVE
Printed: 09:27:18 26 JAN 2012
Page # : 1 of 2
Order Phone: 651-266-6581
Cust. Phone: 651-266-6581

Sold To:
CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
25 WEST 4TH STREET, SUITE 1100
SAINT PAUL, MN 55102
** C.O.D. ** C.O.D. ** C.O.D. **

Ship To:
CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
1031 FULLER AVE
SAINT PAUL, MN 55104

Ordered by	Order Date	Ship Date	Ship Via	Warehouse
PER RAGNELLO	01/24/12	12/01/12	OT DELIVERY	Shp 1 Prc 1
Writer	Salesperson	Release #	Freight Allowed	
Edmund Rustin	Ross Agnello	1031 FULLER AVE	No	
Ordered	Product Description	Net Prc	Ext Prc	
	***** Shipping Instructions *** * **TBD** *****			
1ea	FFHT2126LS FRIGIDAIRE 21CF TOP MOUNT REFRIGERATOR; ESTAR; (STAINLESS) RIGHT HAND HINGE Serial# >>CONFIRM DOOR HINGE<<			
1ea	IM115 FRIGIDAIRE ICE MAKER*			
1ea	SVC- INSTALL ICE MAKER KIT PRIOR TO DELIVERY:			
1ea	FFGF3053LS FRIGIDAIRE 30" GAS RANGE; (STAINLESS)* *SPECIAL ORDER ITEM - NO RETURNS* Serial#			
1ea	FFMV162LS FRIGIDAIRE OTR MICROWAVE; (STAINLESS)* Serial#			
1ea	FGHD2433KF FRIGIDAIRE GALLERY BUILT IN DISHWASHER; ESTAR; (STAINLESS)* *SPECIAL ORDER ITEM - NO RETURNS* Serial#			
1ea	MIEDWC6 6' DISHWASHER/DISPOSAL CORD STRAIGHT CAP;			
1ea	SVC- INSTALL POWER CORD PRIOR TO DELIVERY:			
1ea	FAFW3801LW FRIGIDAIRE 3.8CF AFFINITY FRONT LOAD WASHER; (WHITE) *SPECIAL ORDER ITEM - NO RETURNS* Serial#			

*** Continued on Next Page ***

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** ACKNOWLEDGEMENT **

Order #: S1276773
P/O # : 1031 FULLER AVE
Printed: 09:27:18 26 JAN 2012
Page # : 2 of 2
Order Phone: 651-266-6581
Cust. Phone: 651-266-6581

Sold To:

CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
25 WEST 4TH STREET, SUITE 1100
SAINT PAUL, MN 55102

** C.O.D. ** C.O.D. ** C.O.D. **

Ship To:

CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
1031 FULLER AVE
SAINT PAUL, MN 55104

Ordered by PER RAGNELLO	Order Date 01/24/12	Ship Date 12/01/12	Ship Via OT DELIVERY	Warehouse Shp 1 Prc 1
Writer Edmund Rustin	Salesperson Ross Agnello	Release # 1031 FULLER AVE	Freight Allowed No	

Ordered 1ea	Product Description FAQG7001LW FRIGIDAIRE AFFINITY FRONT LOAD GAS DRYER; (WHITE) *SPECIAL ORDER ITEM - NO RETURNS*
4ea	Serial# SVC- UNCRATE AND SET: (free standing product only / built-ins left in carton)
2ea	SVC- DROP DELIVERY: (no uncrate and set - drop only)
1ea	SVC- INSTALL ANTI-TIPS:
1ea	LABOR CHARGE / TAXABLE
-1ea	DISCOUNT:

SUBTOTAL
SALES TAX

Total Amount

.. Reprint .. Reprint .. Reprint .. Reprint ..



Lumber • Building Materials
Lamperts

Yard Delivery Order

9220 Hudson Blvd.
Lake Elmo MN 55042
Phone: 651-739-5400 Fax: 651-739-0267

KEEP RECEIPTS FOR
RETURNS/EXCHANGES

Invoice #:
Invoice Date: 01/26/2012

Customer Master Account #: 5154158
Customer Job Account #: 5154160

Sold To: CITY OF ST PAUL
PLANNING & ECON DEVELOP

St Paul, MN 55102

Ship To: CITY OF ST PAUL
1031 FULLER AVE.
ROOFING
St Paul, MN 55102

Store No.	Order Ref	Order Date	Customer PO	Sales Rep	Payment Terms	Invoice Type
11	11257805			207	STATEMENT DATE	YARD/DEL ORDER

Item No.	Qty Ordered	Qty Shipped	B/O	U/M	Description	Unit Price	Total
					1031 FULLER AVE. ROOFING FOR HOUSE & NEW GARAGE		
07440070	63	63		BDL	GAF TIMBERLN HI-DF WEATHERD WD (21 TOTAL SQR)		
07410070	6	6		BDL	GAF/ELK TIMBERTEX 20' WEATHR WD		
07110250	4	4		EACH	GENERIC ICE&WATER GRAN 2SQ 3'X6'		
07100040	6	6		ROLL	FELT NO.15-36IN ASPHALT 4SQ		
					Total Ship Units: 5844.000 LB		
<h1>Order</h1>							
Filled By:		Checked By:		Shipped By:			
				Ship Via:			
AUTH:				OT: ALEX BOETTCHER			

Customer
Signature: _____

Date: ____/____/____



REPRINT

11257805
CUSTOMER COPY



Lumber • Building Materials

Lamperts

Yard Delivery Order

9220 Hudson Blvd.
Lake Elmo MN 55042
Phone: 651-739-5400 Fax: 651-739-0267

KEEP RECEIPTS FOR
RETURNS/EXCHANGES

Invoice #:
Invoice Date: 01/27/2012

Customer Master Account #: 5154158
Customer Job Account #: 5154160

Sold To: CITY OF ST PAUL
PLANNING & ECON DEVELOP

St Paul, MN 55102

Ship To: CITY OF ST PAUL
1031 FULLER AVE.
SIDING
St Paul, MN 55102

Store No.	Order Ref	Order Date	Customer PO	Sales Rep	Payment Terms	Invoice Type
11	11257864			207	STATEMENT DATE	YARD/DEL ORDER

Item No.	Qty Ordered	Qty Shipped	B/O	U/M	Description	Unit Price	Total
06450015	350	350		EACH	1031 FULLER AVE. SIDING FOR HOUSE & NEW GARAGE.		
27558040	3	3		ROLL	HARDI SDG 5/16X7-1/4X12 CDRMI (21 SQR TOTAL) HOUSEWRAP 9'X100' TYVEK		

Filed By	Checked By	Shipped By

Ship Via:

AUTH:	OT: ALEX BOETTCHER

Customer
Signature: _____

Date: ____ / ____ / ____



REPRINT

11257864
CUSTOMER COPY